The tooth colours mentioned in this catalogue are Vita® shades or GC shades. Vita® is a registered trademark of Vita® - Zahnfabrik Bad Säckingen, Germany. RECALDENT™ is used under licence from RECALDENT™ Pty. Limited.
GLOBAL HEALTH AGENDA
Throughout the world, people strive to enhance their quality of life and remain healthy, young and attractive. How can a dental company contribute towards the improvement of global health? For us at GC it is very clear!
Since GC was established in 1921, we have dedicated ourselves to dentistry and have achieved significant milestones along the way. Through decades of product innovation, research and development and world-class manufacturing, GC has firmly entrenched its commitment to partnering with dental professionals and promoting oral health for all.
The links between oral health and systemic health have been scientifically proven and as a result, we believe our products raise the standards of oral health delivery, thus allowing people to lead healthier and happier lives in general. At the 90th anniversary celebration in February 2011, the management guideline Vision 2021, was announced. It is our challenge to become the No. 1 dental company in the world by making further contributions to a healthy long-living society. We will continue making our utmost efforts in supporting the global support to people’s health leading up to our 100th anniversary.

QUALITY
Quality assurance has become a hallmark of GC activities, in all areas of our company. We are proud to have received recognition for this on many occasions from the highest regulatory bodies and we continue to strive towards achieving our targets. Our greatest accolade of all was being awarded the Japan Quality Medal in 2004, the most prominent recognition for quality that any company can receive in the world. In addition, on behalf of all GC Associates, I was also awarded the Deming Prize for Individuals for promoting GQM activities over the last 34 years.
Our fundamental aim is to develop products that not only exceed worldwide quality standards but also ensure that the global environment and consequently the world population will be better protected. At GC we also place great value on the communication loop between our customers and researchers to freely exchange opinions and information and to be a source of inspiration to each other. Without question, the key to our success is based on precisely understanding the needs and interests of our customers.

CORPORATE PHILOSOPHY
As outlined, our vision as a company extends far beyond the production line of innovative dental materials. The essence of this approach is captured in the concept of ‘Semui’ which all GC Associates follow daily. As our corporate philosophy, it represents a combination of selflessness, pure objectivity, charity and great wisdom. Our top priorities are maintaining the consistently high quality of our products and delivering the greatest levels of satisfaction to our customers. We see ourselves playing a key role in serving others for the ultimate benefit of our global community of oral health professionals.

We thank you for joining us on this journey.

Makoto Nakao
President & Chief Executive Officer
GC Corporation
EUROPEAN HUB OF EXCELLENCE

GC Europe has a long history as the European hub of excellence for GC. From our successful expansion into regional markets across the continent over the past few decades, to our streamlined logistics operations and premium dental education facility, we are delighted to continue to deliver the highest standards of service to our customers. It is GC Europe’s VISION to be Europe’s benchmark dental company and for this reason we will continue to invest in innovative systems and products that deliver considerable added value to our customers. Through this we fulfil our MISSION of transforming GC into one of the leading oral health companies. We are proud to be a company that supplies world-class quality products and services to all European dental professionals.

CONTINUED GROWTH AND EXPANSION

Our dedication to excellence enables us to set bigger goals, dream bigger dreams and attain new heights, while at all times being informed by the latest scientific knowledge.

An example of this is our long-standing relationship with the renowned Faculty of Dentistry at the Catholic University of Leuven (Belgium), as well as many other centres of excellence. Through the Toshio Nakao Chair we collaborate with the Faculty to promote research into the adhesion of all dental materials. The knowledge gained from this gives us a better understanding of how dentine and enamel adhesion works and allows us to translate this into the development of innovative products.

CONNECTING WITH CUSTOMERS

One of our key aims is to engage with our customers to ensure we meet their needs. GC Europe embraces the diversity of the regional markets by having branches in all the major European countries, as well as strong support teams comprising local experts in the dental trade. Thanks to Europe-wide networking and a central database we can ensure that all of our products are delivered promptly and are consistently available through our partners. We use the feedback from our regular customer satisfaction surveys to track our progress and continue to improve.

Our regional branches are geared towards fostering this essential relationship through a local language support with the added advantage of country-specific knowledge. Centrally, this is carried through by our state-of-the-art training facility, GC Campus, which offers local language courses and workshops by top trainers.

Eckhard Maedel
President
GC Europe
GLOBAL COMPANY, LOCAL COMMITMENT

Can you expect friendly face-to-face interaction with a multinational company? At GC you can! Despite its global operations, GC has maintained the approach of being a locally-oriented company that can serve its customers through personal interaction in their language. Our regional GC Europe branch is committed to giving you excellent product offerings and support so that you can focus on your work: making beautiful smiles.

LOOKING FORWARD TO MEET YOU

As part of our commitment to reach out to our customers and meet your needs, we regularly attend dental trade events and conferences where you can meet our team of friendly representatives. We also regularly host open days and training events to further support your product and continuing professional education requirements. Through this, you are guaranteed to always have access to a friendly GC contact person who is ready to answer your questions and provide you with additional information.

Look out for our distinctive GC logo and product packaging at the next dental event you attend...we look forward to meeting you!
STEP INSIDE GC EUROPE...
For more than 25 years, GC Europe has been recognised by both dentists and dental technicians alike as a provider of consistently high quality products that are easy to handle, as well as being capable of delivering the highest service standards to our customers. Our dedication to dentistry continually results in product development that provides value to our customers. We lead the way in glass ionomer technology and are well known for more than 20 years of expertise and progress in the field of gypsum products as well as impression and investment materials. In recent years we have added further strategic fields to our portfolio, in the form of innovative systems and products in Aesthetic Dentistry and Minimum Intervention.

From any interaction that you have with us, our approach to excellence will be clear:

**QUALITY**
Our activities are focused on delivering consistently high standards, making us a trusted and reliable partner in your dental practice or dental laboratory

**ACCOUNTABILITY**
We strive at all times to continually improve our services, strengthening our competence and excelling in not only responsiveness to the market and our customers but also our courtesy and friendly approach to business

**SERVICE**
We take pride in our systems and operations which allow us to deliver our products to you with speed and convenience, so you can focus on creating beautiful smiles

**TECHNOLOGY**
We believe in harnessing innovation in order to progress as this sets us apart and motivates us to grow and develop in all areas
**Highlights**

**GC G-ænial Anterior**

GC G-ænial Anterior is easy to use and brings natural vitality and exceptional shade matching for superior aesthetic results making it a composite suited for everyday use. GC G-ænial Anterior is a composite of medium consistency which won’t stick or slump, making it ideal for free-hand contouring in aesthetic restorations. See page 22.

**GC G-ænial Posterior**

GC G-ænial Posterior has a firmer consistency than G-ænial Anterior, providing you with a more packable feel and just the right viscosity to ensure complete adaptation to the cavity floor and walls. GC G-ænial Posterior is easy to carve and optimally shaded for perfect posterior restorations. See page 23.

**GC G-ænial Universal Flo**

GC G-ænial Universal Flo offers an exclusive combination of a flowing viscosity, for easy and convenient placement, combined with outstanding physical properties for safe and durable restorations providing you with the answer to many difficult cases where you do not want to compromise between perfect placement, aesthetics and strength. See page 24.

**GC G-ænial Bond**

G-ænial Bond offers you the highest and safest adhesion to both enamel and dentine, regardless of the technique you choose. With G-ænial Bond you gain the simplicity and reduced postoperative sensitivity of a self-etch adhesive combined with increased bond strength when you decide to use 10-second selective etching on enamel. See page 28.
**Highlights**

**GC EQUIA® Fil & EQUIA® Coat**

EQUIA offers excellent aesthetics with its exceptional translucency and colour match* to meet your patient’s cosmetic needs. With almost no shrinkage stress, high moisture tolerance and no reported postoperative sensitivity, GC EQUIA offers you the possibility to make long term restorations in just 3 min. and 25 seconds! See page 36-37.

*Data on File

**GC everX Posterior**

GC everX Posterior is a fibre-reinforced composite designed to be used as dentine replacement. The short fibres of GC everX Posterior will make it a perfect sub-structure to reinforce any composite restoration in large size cavities. Thanks to its unique properties, GC everX Posterior opens new possibilities for restorations of extensive cavities at chairside and is the answer to the growing demand for an economic restorative alternative for big size cavities. See page 20.

**GC Tri Plaque ID Gel**

GC Tri Plaque Gel is a great tool to motivate and educate your patients. In three simple steps GC Tri Plaque ID Gel shows you not only the difference between old and new but the gel also highlights where the bacteria are most active by disclosing the acidic pH. See page 12.

**GC Saliva-Check Mutans**

Enhance the preventative measures and motivate your patients with GC Saliva-Check Mutans, a simple and accurate chairside test which detects, in 15 minutes only, the patient’s level of S. mutans. See page 13.
Highlights

GC G-CEM LinkAce

GC G-CEM Automix already demonstrated the highest qualities in a self-adhesive resin cement with excellent adhesion, aesthetics, high strength and durability. GC G-CEM LinkAce goes even further with offering the highest polymerization in self-cure mode. GC G-CEM LinkAce presents perfect results, independent from the type of prosthetic material that is being cemented. See page 46.

GC FujiCEM 2

GC FujiCEM 2 is the result of an entire decade of continuous improvements along with the solid reputation of more than 150 million crowns cemented worldwide. Powered by the innovative Force & Fusion Technology, GC FujiCEM 2 doubles the shear bond strength of the original GC FujiCEM*, rewarding you with the assurance of a successful treatment. See page 48.

*Data on file

GC Fuji TEMP LT

GC Fuji TEMP LT is the first paste paste glass ionomer long-term provisional luting cement with various applications such as long-term temporary luting on implant abutments, try-on cementation during complex oral rehabilitations and long term polymerization. GC Fuji TEMP LT is especially designed to ensure a perfect balance between retention and retrievability. See page 50.

GC Fuji IX GP EXTRA Powder/Liquid (P/L)

The well known Fuji IX GP Extra from GC is now also available in powder/liquid form. The high strength glass ionomer cement with a new generation of glass filler gives a restoration with a very high translucency. The result is natural aesthetics never before achievable with conventional glass ionomer. See page 38.
With the GC everStick product line, making different types of periodontal splints, root canal posts and bridges is quick and easy. The use of everStick fibre products involves minimally invasive treatment; this means that many different treatment options will be available in the future. The most significant advantages for your patients are cost effectiveness, tissue saving and reduced treatment time in comparison with metal ceramics, ceramics and implantology. See page 31-34.

With the new GC Fujivest Platinum II GC has reached another milestone in the casting of crowns and bridges. With its long comfortable working time and improved fluidity, investing complicated cases has become easier than ever before. With an increased expansion range this top of class material has become even more versatile. GC Fujivest Platinum II is created for precious, semi-precious and palladium based alloys. See page 74.

Following years of expertise with Fit Checker, GC is now introducing GC Fit Checker Advanced and GC Fit Checker Advanced Blue. Based on the VPES technology also used in GC EXA'ience, those new fit checking materials retain the same appreciated features as their predecessors. New features, such as increased hardness for easy trimming and removing and the special blue colour for easy checking on ceramic materials make them a material you always want to have in your drawers. See page 65.

After 10 years on the market the GC Initial range of ceramics can probably be called one of the most versatile systems. Regardless of your challenges, Initial from GC offers a solution – from apprentice to expert without the need to switch between brands or types of ceramic. When you want to work in a very fast economic way we offer you the Initial IQ or Initial Classic lines and by working according to the life-like layering schemes of the Initial Expert line you can create masterpieces with unlimited possibilities. See page 79-89.
Minimum INTERVENTION

MINIMUM INTERVENTION TREATMENT PLAN

Advances in cariology have resulted in a better understanding of the carious process. GC takes the initiative to translate these oral health philosophies into your routine dental practice. The GC approach is based on the Minimum Intervention (MI) concept and more particularly through balancing the natural biological functions of demineralisation and remineralisation of the tooth structure.

With the MI Treatment Plan, GC wants to help general practitioners to implement the principles of MI into routine dental practice. This systematic way to introduce cariology into daily clinical practice is matched with the very latest “evidence based references and works”. GC is aiming to make the processes of diagnosis, prevention and treatment or control a regular part of dental care and to enhance your patients’ quality of life. With the MI treatment plan, GC brings solid and clear guidelines to the general practitioner for MI treatments and planning, illustrated in many clinical cases:

- Diagnosis
- Treatment and recall plans
- Patient actions and tools
- Preventive and non-invasive treatments
- Atraumatic and minimally invasive restorative treatments
- Tentative models for the financial and practical implementations
TREATMENT PLAN - A PHASES CYCLE

Identify risk factors

Prevent risk factor reoccurrence

Identify

PREVENT

RECALL

Recall according to patient susceptibility factors

RESTORE

RECALL

Restore minimally invasive

Minimum Intervention Dentistry

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MI IDENTIFY

The examination of a patient is not limited to the teeth, but takes the risk factors for caries into account like diet, brushing habits, the quantity and buffering capacity of saliva, the amount of cariogenic bacteria (like Streptococci Mutans) in saliva and the cariogenicity of plaque. In order to diagnose and monitor caries, the diagnostic threshold has to be reduced to the first clinical signs of caries in enamel. These early forms are clinically detectable in fissures and on flat surfaces as well as on x-rays for the interproximal areas. The use of diagnostic tools like GC Saliva-Check Mutans test kit, GC Tri Plaque ID Gel, GC Saliva-Check Buffer kit, not only helps you to get the most relevant information about your patient’s susceptibility but also helps to motivate your patient.

GC Tri Plaque ID Gel

An innovative plaque disclosing gel that identifies new, mature and acid producing biofilm.

CHARACTERISTICS & BENEFITS
- Patient motivation/education tool to help understand how lesions are formed and how a healthy oral environment is maintained
- Unique gel that not only helps to identify the age but also the acidogenicity of the plaque
- Caries risk assessment can be done within a few minutes

HOW TO USE
Apply GC Tri Plaque ID Gel onto the tooth surface using a suitable instrument (micro brush, swab or tooth brush)? Identify the plaque by observing the colour of the gel.
- pink or red: fresh plaque
- blue or purple: mature plaque (at least 48 hours old)
- light blue: mature and strong acid producing plaque

PACKAGES
GC Tri Plaque ID Gel
004273 Tube (40 g, 36 ml, approximately 130 applications)
**GC Saliva-Check Buffer**

*Characteristics & benefits*  
- Checks flow rate, viscosity and consistency of unstimulated saliva to obtain information about the patient’s lifestyle  
- Checks the pH of the resting saliva and gives warnings about high acid levels  
- Checks the quantity of stimulated saliva to identify salivary gland disease  
- Checks the buffering capacity of stimulated saliva which is a measure of the effectiveness in neutralising acids

*How to use*

Testing can be done as part of a routine examination, and the results explained as part of a discussion about prevention and treatment.

**Packages**

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<tr>
<th>Package</th>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>GC Saliva-Check Buffer</td>
<td>720000</td>
<td>Pack of 20 tests</td>
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</tbody>
</table>

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**GC Saliva-Check Mutans**

*Characteristics & benefits*  
- Chair-side detection kit, no special equipment required, just a timer  
- Results available in 15 min. only  
- Using 2 monoclonal antibodies only S Mutans is detected and no other bacteria species  
- Enhances the motivation of patients with low salivary flow or low oral pH, with an acidic diet or high frequency of carbohydrate

**In-Office Test For Rapid Detection Of High Levels Of Streptococcus Mutans**

GC Saliva-Check Mutans uses a very specific immunochromatography process which avoids the use of incubators or other devices. Accurate results are available in just 15 min.

**Packages**

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<tr>
<td>GC Saliva-Check Mutans</td>
<td>004504</td>
<td>Pack of 10 tests</td>
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</table>
MI Prevent

Preventing caries from advancing is possible if a patient is willing to change certain habits. Diet and tooth-brushing must be optimised to be effective in caries prevention. In practice, active preventive treatments aim at reducing the caries risk factors and promoting remineralisation. A very effective strategy is a combination of professional mechanical tooth cleaning, a healthy diet and products like GC Tooth Mousse and GC MI Paste Plus which help to promote remineralisation and bring the oral flora back to normal.

GC Tooth Mousse

**Characteristics & benefits**
- Delivers RECALDENT™ Casein Phosphopeptide - Amorphous Calcium Phosphate
- Inhibits enamel demineralisation and induces remineralisation
- Reduces hypersensitivity by obliterating open dentinal tubules
- Prevents initial caries forming thanks to the anti-cariogenic properties
- Reverses white spot lesions

**Indications**
- For patients who have a low to medium risk of caries
- During and/or after orthodontic treatment
- For desensitising before and after teeth whitening and after procedures such as root scaling or cleaning
- For pregnant women and children below the age of six

**How to use**
First clean the teeth. Then apply a small amount across tooth surfaces with a clean finger or cotton-tipped applicator and let it work for three to five minutes.

**Packages**

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<th>GC Tooth Mousse</th>
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<tr>
<td>89500</td>
<td>GC Tooth Mousse, Promotional 5-Pack Box with 5 Tubs, 40 g (35 ml) per Tube, 1 of each flavour (Melon, Strawberry, Tutti-Frutti, Mint, Vanilla)</td>
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<tr>
<td>002035</td>
<td>GC Tooth Mousse, Pack of 10 pcs, 40 g (35 ml) per tube, Assorted, 2 of each flavour (Melon, Strawberry, Tutti-Frutti, Mint &amp; Vanilla)</td>
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<tr>
<td>002520</td>
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<td>002270</td>
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<td>002522</td>
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<tr>
<td>002521</td>
<td>Melon</td>
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</table>
Minimum Intervention Dentistry

GC MI Paste Plus

Bio-Available Calcium, Phosphate And Fluoride

Remineralising sugar free dental topical crème, containing RECALDENT™ CPP-ACP and fluoride.

**Characteristics & benefits**
- All the benefits of GC Tooth Mousse, with 900ppm of a unique, patented form of fluoride
- Buffers the pH changes in plaque
- Impairs the adhesion and growth of S. Mutans and Sobrinus
- Remineralises early enamel lesions and makes enamel more resistant
- Optimises the transport and intake of fluoride by enamel

**Indications**
- During and/or after orthodontic treatment, especially on white spots
- For patients with medium or high susceptibility to caries and who need support due to very poor plaque control
- For patients who suffer from an acidic oral environment, erosion and gastric reflux

**Packages**

<table>
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<th>Description</th>
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<tbody>
<tr>
<td>900441</td>
<td>GC MI Paste Plus, Promotional 5-Pack Box of 5 Tubes, 40 g (35 ml) per Tube, 1 of each flavour (Melon, Strawberry, Tutti-Frutti, Mint, Vanilla)</td>
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<tr>
<td>002614</td>
<td>GC MI Paste Plus, Pack of 10 pcs, 40 g, 35 ml per tube, Assorted, 2 of each flavour (Melon, Strawberry, Tutti Frutti, Mint and Vanilla)</td>
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<td>002887</td>
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<td>002889</td>
<td>Tutti Frutti</td>
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<td>002621</td>
<td>Mint</td>
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CPP-ACP was developed at the School of Dental Science at the University of Melbourne Victoria Australia. RECALDENT™ is a trade mark used under license. RECALDENT™ (CPP-ACP) is derived from milk casein. Do not use on patients with a milk protein and/or hydroxybenzoates allergy.
GC Dry Mouth Gel

Characteristics and Benefits
- Helps to relieve dry mouth and providing long lasting comfort
- Neutral pH preserves oral pH in the safe range to prevent demineralisation
- Relieves up to 4 hours
- Handy tube, available for immediate use whenever necessary
- Available in 4 delicious flavours
- Also recommended to help relieve dry mouth experienced by denture wearers

How to use
Squeeze a generous amount of the gel from the tube onto a clean finger. Smear the gel over the buccal and lingual surfaces of the teeth and mucosa.

Packages
<table>
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<td>003488 Assorted Pack 10 pcs, 4 Mint, 2 Raspberry, 2 Orange, 2 Lemon</td>
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<td>004617 GC Dry Mouth Gel, Pack 10 pcs, Raspberry</td>
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GC Fuji® TRIAGE

Characteristics & Benefits
- Can be applied when saliva control is not possible allowing treatment of newly erupted molars (partially) covered by soft tissue
- Available in white and pink
- Chemical adhesion to tooth structure, no need for etching and bonding
- Easy-to-apply low viscosity
- Self-curing conventional GIC without addition of resins
- Pink shade can be optionally ‘command set’ with VLC unit for early protection against dehydration
- Translucent pink shade that allows visible control during recalls
- Very high level of fluoride release

Indications
- Fissure protection
- Hypersensitivity prevention and control
- Root surface protection
- Intermediate endodontic sealing

How to use
Apply a thin layer of glass ionomer on the tooth surface at increased risks. The acid – resistant ion exchange layer will act as additional protection for the tooth.

Packages
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<tr>
<td>002490 Pink</td>
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<tr>
<td>002491 White</td>
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Radiopaque Glass Ionomer Surface Protection Material

GC Fuji TRIAGE is a highly fluoride-releasing glass ionomer material for fissure and root surface protection, hypersensitivity prevention and provisional treatment procedures such as intermediate endodontic sealing.
**Minimum Intervention Dentistry**

**MI Restore**

Modern restorative materials like GC EQUIA require less removal of tooth structure as compared to the traditional materials like amalgam or gold. They adhere to the tooth structure and fulfill high aesthetic demands by the patient. Atraumatic and minimally invasive restorative treatments conserve tooth structure and promote longevity of restorations. Other products that can also be used as per the MI philosophy are the various GC Fuji IX GP high viscosity GICs, GC Fuji II LC and GC Fuji TRIAGE and our range of composite restorative materials such as GC G-ænial, GC GRADIA Direct & GC Kalore. For more details on these products please refer to the GIC’s and restorative composites listed under the Restorative Dentistry products.

**MI Recall**

In cariology, standard recall schemes (see your dentist twice a year) have long been used. That approach is for a highly susceptible patient too long and for those with very low susceptibility perhaps too short. Hence with the MI treatment plan you can give your patients the most individualistic recall period taking into consideration their own risk factors.
THE RIGHT PRODUCTS FOR YOUR RESTORATIVE TREATMENTS...

From simple imperfections to complete, high-end, multi-layered restorations, the range of GC aesthetic composite restoratives provides you with beautiful results. Are you looking for an anterior or posterior composite or rather a universal restorative? Do you prefer to work with a free-flowing or more viscous flowable composite? GC offers them all: from the proven, easy to handle GC GRADIA Direct range, to the high-end, user-friendly family of radiopaque composites called GC G-ænial, and the high-tech low shrinkage universal GC Kalore with DuPont® monomer technology. All of them feature natural, lifelike colouring and characteristics.

In search for constant improvements and innovations in restorative dentistry, GC is proud to introduce GC everX Posterior. The presence of fibres in the material provides unique features to the restoration. Fibres will contribute to prevention of fracture in the material/tooth structure and thereby open new opportunities for direct dentistry. With a fracture toughness equivalent to dentin and almost double to any composite, this material will be a perfect reinforcing substructure, especially useful where it is most needed - for large posterior restorations.

The perfect complements to our range of composite restoratives are our two 7th generation bonding agents GC G-ænial Bond and GC G-BOND. Both are one-component, one-coat advanced bonding system, featuring a strong, long-lasting bond between light-cured composites, enamel and dentine.

With more than 30 years of knowledge and experience in glass ionomer technology, GC is recognised as the European leader in this field. Glass ionomer has proven to be clinically the most successful adherent system and as such is essential in every modern dental practice. You will find an answer to every clinical situation in our famous Fuji range of conventional and resin modified GCs. The latest development is the introduction in 2007 of the revolutionary GC EQUIA system. Dentists are no longer faced with difficult choices because, for the first time, they can have both aesthetics and cost-effectiveness in perfect balance! Posterior restorations based on glass ionomer technology have never been so aesthetic and translucent, high-performing and economical!
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<td>Composite flowable</td>
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<td><strong>Core build-up</strong></td>
<td>Composite core build-up</td>
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<td>GC GRADIA Core &amp; Post</td>
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<td>GC Fiber Post</td>
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<td>GC everStick®POST</td>
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<td><strong>Direct fibre reinforced restoration</strong></td>
<td>Fibre reinforcement</td>
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<td>GC everStick®C&amp;B</td>
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<td>GC everStick®NET</td>
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<td><strong>Direct restoration - GIC</strong></td>
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<td>GC Fuji IX GP Extra</td>
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<td>GC Fuji IX GP - Fast</td>
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<td>GIC - Resin modified</td>
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<td>GC Fuji II LC (Improved)</td>
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<td><strong>Lining</strong></td>
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<td><strong>Direct restoration - Accessories</strong></td>
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<td>GC DiaPolisher Paste</td>
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<td>GC Epitex</td>
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</table>
Fiber Reinforced Composite For Dentine Replacement

GC everX Posterior is a fibre-reinforced composite designed to be used as dentine replacement, in conjunction with conventional composite such as G-ænial Posterior used as enamel replacement. The short fibres of GC everX Posterior will make it a perfect sub-structure to reinforce any composite restoration in large size cavities. Fibres will also prevent and stop crack propagation through the filling, which is considered to be the main cause of restorative failure. Thanks to its unique properties, GC everX Posterior opens new possibilities for restorations of extensive cavities at chairside and is the answer to the growing demand for an economic restorative alternative for big size cavities.

**Characteristics & Benefits**
- Short fibres prevent and stop the progression of fracture in the restoration and in teeth
- Fracture toughness equivalent to dentine and almost double to any composite will bring unsurpassed strength to the restoration
- Minimal horizontal shrinkage as fibres contribute to shrinkage reduction in the direction of their orientation
- 4 to 5 mm increments can be cured simultaneously
- Reliable bond to overlaying composite as well as to the tooth substance

**Indications**
Reinforcing material for direct composite restorations, especially in large posterior cavities, including:
- Cavities with 3 surfaces or more to be restored
- Cavities with missing cusps
- Deep cavities (including class I, II and endodontically treated teeth)
- Cavities after amalgam replacement (especially since amalgam placement often lead to initiation of crack and cusp fracture)
- Cavities where onlays & inlays would also be indicated

**Packages**

<table>
<thead>
<tr>
<th>GC everX Posterior Unitips (0.13 ml)</th>
</tr>
</thead>
<tbody>
<tr>
<td>005117 Universal Shade (transparent), box of 15 unitips</td>
</tr>
</tbody>
</table>

**Note:**
- everX Posterior should always be covered with a layer of light-cured universal restorative composite, for sufficient wear resistance.
Restorative Dentistry 2013 - 2014

Step-by-step everX Posterior

Class I cavities
1. Prepare cavity
2. Bond and light-cure
3. Place everX Posterior in layer up to 4 mm
4. Light-cure 10-20 sec.
5. Cover with composite

Class II and large cavities
3a. Build first the missing wall(s) with composite
3b. Apply everX Posterior in layer up to 4 mm

Clinical cases everX Posterior

1. Reinforcement of large restorations (cavities where inlays or onlays would also be indicated, cavities after endo treatment)  Dr. Y. Marinova, Bulgaria

1. Defective composite restoration
2. Cavity preparation
3. Build-up of missing walls with everX Posterior
4. Application of everX Posterior
5. Final restoration after final layer of G-ænial Posterior

2. Replacement of amalgam restorations especially with missing cusp(s)  Pr M. Peumans, Belgium

1. Defective amalgam restoration
2. Cavity preparation
3. Build-up of missing walls with composite
4. Application of everX Posterior
5. Final restoration after final layer of composite
Restorative Dentistry

2013 - 2014

GC G-ænial Anterior

Light-Cured Anterior Composite Restorative

GC G-ænial Anterior is the material of choice when you are looking for a restorative that will meet the aesthetic expectations of all your patients - in most cases with only one shade. Being a forgiving composite that offers beautiful and natural looking high gloss restorations whilst being extremely easy to use, makes it a composite suited to everyday use. GC G-ænial Anterior also gives you more working time so you are free to shape, flow and sculpt to obtain the ideal anatomical form and aesthetics with ease.

Characteristics & Benefits

- G-ænial Anterior is suited to all application techniques: from mono-shade beauty to a thousands of aesthetics possibilities using a multi-shade layering.
- Its unique composition with an internal reflectivity accurately reproduces that of natural tooth for excellent aesthetics with just a single shade.
- To further meet all aesthetic demands, G-ænial Anterior is available in 22 shades with 3 different opacities:
  - Enamel (Outside)
  - Dentine (Standard)
  - Opaque Dentine (Inside)
- Easy enamel shade selection based on the age of the patient.
- Effortless handling: smooth, non-sticky viscosity that can even be handled with a brush.
- Stress-free work in multi-layer restorations: working time of around 4 min.
- Easy and quick polish to a smooth, glossy surface.
- Aesthetic & radiopaque: unique patented High-Density Radiopaque (HDR) Technology for easy traceability through X-rays.

How to use

Age related shade system to replace enamel:
- Junior Enamel (JE) for young patients
- Adult Enamel (AE) for adult patients
- Senior Enamel (SE) for senior patients
For more details regarding set composition and refills, please refer to individual leaflets or item lists on our website http://www.gceurope.com

Packages

GC G-ænial Anterior Syringes (2.7 ml/4.7 g)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>003909</td>
<td>Quick Start Kit (7 syringes - A1, A2, A3, B2, JE, AE, IE)</td>
<td></td>
</tr>
<tr>
<td>900538</td>
<td>Advanced Kit (7 syringes - A3.5, AO2, AO3, B1, B3, C3, TE)</td>
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</table>

Refill: 1 syringe

<table>
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<tr>
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<th>Shade</th>
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<tr>
<td>003940</td>
<td>A1</td>
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<tr>
<td>003941</td>
<td>A2</td>
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<tr>
<td>003942</td>
<td>A3</td>
<td>C3</td>
</tr>
<tr>
<td>003943</td>
<td>A3.5</td>
<td>CV</td>
</tr>
<tr>
<td>003944</td>
<td>A4</td>
<td>CVE</td>
</tr>
<tr>
<td>003960</td>
<td>B1</td>
<td>AO2</td>
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<tr>
<td>003965</td>
<td>B2</td>
<td>AO3</td>
</tr>
<tr>
<td>003966</td>
<td>B3</td>
<td>AO4</td>
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GC G-ænial Anterior Unitips (0.16 ml/0.28 g)

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<tr>
<th>Code</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>003908</td>
<td>Quick Start Kit (35 Unitips - 5 each of A1, A2, A3, B2, AE, JE and 1 Shade Guide)</td>
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<tr>
<td>900539</td>
<td>Advanced Kit (35 Unitips - 5 each of A3.5, AO2, AO3, B1, B3, C3, TE)</td>
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Refill: Box of 20 Unitips

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<tr>
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<td>A2</td>
<td>CV</td>
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GC G-ænial Anterior Accessories

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>003990</td>
<td>Shade Guide, 1 pce</td>
</tr>
<tr>
<td>900498</td>
<td>GC Unitip Applier II, 1 pce</td>
</tr>
</tbody>
</table>
GC G-ænial Posterior

**Characteristics & Benefits**
- Excellent aesthetics with just a single shade
- For more demanding cases, adapted shade system with 4 standard shades and 2 outside shades
- Adequate radiopacity of 252% AI facilitates the follow-up
- Non-sticky packable viscosity for better control contouring and building anatomical forms
- High fracture toughness and reduced polymerisation shrinkage stress for long-lasting restorations
- Easy and quick polish to a smooth, glossy surface

**How to use**
In class II cavities, it is recommended to first build the proximal wall with an enamel or a standard shade. Once the cavity has been transformed into a class I, continue building the rest of the restoration as usual, applying first the dentin part of the cusp and continuing with an enamel replacing layer.

**Packages**

**GC G-ænial Posterior Syringes (2.7 ml/5.5 g)**
- Refill: 1 syringe
  - 003961 P-A1 003963 P-A3 003965 P-JE
  - 003962 P-A2 003964 P-A3.5 003966 P-JE

**GC G-ænial Posterior Unitips (0.16 ml/0.33 g)**
- Refill: Box of 20 unitips
  - 003955 P-JE 003934 P-A2 003937 P-JE
  - 003956 P-JE 003935 P-A3 003938 P-JE
  - 003933 P-A1 003936 P-A3.5

**GC G-ænial Posterior Accessories**
- 003910 Shade Guide, 1 pce
- 900499 GC Unitip Applier II, 1 pce

**Light-Cured Posterior Composite Restorative**
GC G-ænial Posterior features a more condensed filler content which gives a firmer consistency and greater control when contouring anatomical form in posterior restorations. The packable material will still wet and flow when manipulated to ensure tight moulding, even in the deepest cavities. The unique blend is formulated for both strength and low shrinkage stress.

**Restorative guide**

Improve your skills with GC's Restorative Dentistry Guides.

To allow you to achieve optimal results with our restorative dentistry products, we have developed for you comprehensive 3D tools that give you a better insight on:
- Correct shade selection
- Different bonding techniques
- The use and application of the different colours of our composite restoratives

Available on

[GC Restorative Dentistry Guides](http://www.gcx.com/en/)
GC G-ænial Universal Flo

High-Viscosity Light-Cured Flowable Universal Composite

GC G-ænial Universal Flo presents a number of intelligent and convenient features that make it one of the few flowables capable of combining both flowability with true Universal indications and use. With GC G-ænial Universal Flo you get an exclusive blend of injectable viscosity, for easy and convenient placement even in deep cavities, combined with outstanding physical properties for safe and durable restorations. G-ænial Universal Flo provides the answer to many difficult cases where you do not want to compromise between perfect placement, aesthetics and strength.

CHARACTERISTICS & benefits
- Full strength: high physical properties for durable restorations in all indications
- Excellent wear resistance, even better than regular composites, for optimal use on occlusal and cervical surfaces
- Carefully balanced viscosity: smoothly flowing for easy placement but also highly thixotropic to hold its shape
- Very high gloss rate and gloss retention rate
- Can be considered to be a self polishing material
- Superb invisible aesthetics without any compromises
- Broad range of 15 shades and 3 different levels of translucencies
- Specially designed syringe that offers an ergonomic solution for improved application

INDICATIONS
- Direct restoration of class I, II, III, IV, V cavities
- Splinting
- Minimum Intervention restorations

PACKAGES
GC G-ænial Universal Flo (2 ml/3.4 g per syringe)
- Refill: 1 syringe, 20 Dispensing Tip III Plastic
- 004252 A1 004213 BW 004214 CV
- 004203 A2 004207 B1 004211 AO2
- 004204 A3 004208 B2 004212 AO3
- 004255 A3.5 004209 B3 004215 JE
- 004256 A4 004210 C3 004216 AE

GC G-ænial Universal Flo Accessories
- 004634 Dispensing Tip III Plastic, 30 pcs
- 004635 Dispensing Tip III Needle (metal), 30 pcs

Direct Class I, II, III, IV, V
Splinting
Minimum intervention cavity
Restorative Dentistry

GC Kalore

Light-Cured Universal Composite Restorative

Incorporating the best of industrial monomer innovation from DuPont®, GC Kalore features an exclusive low shrinkage stress technology. On a microscopic level, this means that during and after polymerisation, adhesion between the fillers and the resin matrix is maintained. With minimised shrinkage stress, the integrity of the restoration especially at the margins is ensured. Combined with outstanding aesthetics, GC Kalore offers a revolutionary total package in restorative dentistry.

Characteristics & benefits
- Lowest shrinkage stress thanks to DuPont’s new monomer technology, licensed exclusively to GC
- GC’s patented HDR (High-Density Radiopaque) prepolymerized fillers provides a high wear resistance
- Proprietary interface between the filler and the matrix ensure the longevity of your restorations
- Excellent handling and hassle-free polishing
- Superior aesthetics in one shade or multi-shade restorations

Indications
Universal material for all indications: Class I, II, III, IV and V cavities

For more details regarding set composition and refills please refer to individual leaflets or item lists on the website http://www.gceurope.com

Packages

<table>
<thead>
<tr>
<th>GC Kalore Syringes (2 ml/4 g)</th>
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<td>003592 WT 003580 A3.5 003589 CVD</td>
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<td>003571 Shade Guide, 1 pce.</td>
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<tr>
<td>90498 GC Unitip Applicator II, 1 pce.</td>
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</table>
Restorative Dentistry

GC GRADIA Direct

Light-Cured Anterior & Posterior Composite Restorative

With GC GRADIA Direct, you can handle all your in-surgery aesthetically-demanding restorations with just one easy-to-use restorative. Whether it's a single shade or a multi shade procedure, using GC GRADIA Direct makes it easier and quicker to achieve a superb, natural looking and long-lasting restoration. Due to the remarkable shade adaptation to the surrounding tooth structure, outstanding aesthetic restorations can easily be achieved with only one shade. The combination of different shades will offer unlimited aesthetic results, using a maximum of three shades for an anterior restoration and two shades for a posterior restoration.

CHARACTERISTICS & BENEFITS
• Micro-filled resin hybrid composite
• One restoration system for all your needs
• Unique concept consisting of Standard, Outside Special and Inside Special shades for invisible restorations
• Longer working time due to low sensitivity to the operating light
• Well-balanced viscosity leading to superior handling

GC GRADIA DIRECT ANTERIOR
• Excellent aesthetics and surface smoothness
• A perfect match and adaptation to natural tooth colour

GC GRADIA DIRECT POSTERIOR
• Excellent mechanical properties
• High fracture toughness to resist occlusal stress
• Radiopaque for easy recognition

HOW TO USE
Standard Shades: chameleon effect shades for anterior and posterior restorations.
Outside Special: translucent shades for anterior and posterior restorations.
Inside Special: opaque shades for anterior restorations only.

For more details regarding set composition and refills please refer to individual leaflets or item lists on the website http://www.gceurope.com

PACKAGES

GC GRADIA Direct Syringes (Anterior - 2.7 ml/4 g
Posterior - 2.7 ml/4.7 g X - 2.7 ml/5 g)
002039
Introductory Kit 2 syringes - A2, A2, A3.5,
AO3, CV, CT, P-A2 & 1 shade guide
Refill: 1 syringe
002275 XBW 002055 P-WT 002204 B3
002050 BW 001991 A3.5 002045 C3
001988 A1 002042 A4 001993 CV
001989 A2 002274 B1 002048 CVD
001990 A3 002043 B2 002049 AO4
002046 AO2 001992 AO3 002051 WT
002053 DT 002052 GT 002054 CVT
002049 CT 001996 NT 002602 X-A3
002053 P-A1 002008 P-NT 002604 X-A3.5
002004 P-A2 002006 P-NT 002607 X-AO2
002005 P-A3 002601 X-A1 002605 X-WT
002006 P-A3.5 002602 X-A2

GC GRADIA Direct Unitips (Anterior - 0.16 ml/0.24 g
Posterior - 0.16 ml/0.28 g X - 0.16 ml/0.30 g)
001966
Introductory Kit 35 Unitips - A2, A3, A3.5,
AO3, CV, CT, P-A2 & 1 shade guide
Refill: Box of 20 Unitips
001967 A1 001972 CV 002200 P-NT
001968 A2 002040 DT 002590 X-A1
001969 A3 001975 NT 002591 X-A2
001970 A3.5 001997 P-A1 002592 X-A3
001967 A1 001998 P-A2 002593 X-A3.5
001968 A2 001999 P-A3 002594 X-WT
001969 A3 002000 P-A3.5
001970 A3.5 002041 P-WT

Refill: Box of 10 Unitips
001976 A4 001971 AO3 001984 CT
002272 B1 001991 AO4 001985 WT
001977 B2 001992 CVD 001986 GT
001978 B3 001983 BW 001987 CVT
001979 C3 002273 XBW 002596 X-AO2
001980 AO2

GC GRADIA Direct Accessories
002276 Shade Guide, 1 pce
900498 GC Unitip Applier II, 1 pce
**GC G-ænial Flo**

**Light-Cured Radiopaque Flowable Composite**

GC G-ænial Flo is an easy to use flowable composite. With its perfect adaptation and high radiopacity, GC G-ænial Flo is ideal to use as a liner, to block undercuts, in a tunnel preparation or to restore small defects.

**Characteristics & Benefits**
- High wettability, allowing perfect adaptation to the cavity walls, avoiding air entrapment
- Radiopacity of about 230% Al allowing easy x-ray follow-up
- Well balanced physical properties, perfectly adapted to the product’s indications
- Available in 8 shades including 2 opaque shades

---

**GC GRADIA Direct Flo**

**Light-Cured Flowable Hybrid Composite**

GC GRADIA Direct Flo is a light-cured, radiopaque micro-hybrid resin specially designed for use in combination with GC GRADIA Direct. Thanks to its physical properties, proper flow characteristics and direct application by syringe, this material is ideal as a liner under composite restorations.

**Characteristics & Benefits**
- GC GRADIA Direct Flo has a non-runny and non-sticky formula which shapes perfectly to cavity walls and makes it easy to handle
- Light curable and radiopaque for easy diagnosis
- Superior syringe design allowing easy manipulation and precise application

---

**GC GRADIA Direct LoFlo**

**High-Viscosity Light-Cured Flowable Hybrid Composite**

GC GRADIA Direct LoFlo, the first flowable to be considered as a real restorative, not only for Class V or as a liner, but also for Class I, Class II and Class III restorations. Introducing the High-Density Radiopaque (HDR) technology, GC offers a flowable restorative with unsurpassed physical properties.

**Characteristics & Benefits**
- Wettability allows for perfect adaptability without slumping
- Wear resistance and fracture toughness at the level of modern posterior composites
- Up to 55% less shrinkage than the leading flowable composites on the market
- HDR Pre-polymerised filler with Nano-silica filler technology significantly increases durability, polishability and radiopacity
- Fluoro-alumino-silicate glass also brings protection against secondary decay

---

**Packages**

**GC G-ænial Flo** (2 ml/3.8 g per syringe)
- Refill: 1 Syringe, 20 Dispensing Tip III Plastic
- 004194 A1 004196 A3 004198 A4
- 004195 A2 004197 A3.5 004201 CV

**GC G-ænial Flo Accessories**
- 004634 Dispensing Tip III Plastic, 30 pcs
- 004635 Dispensing Tip III Needle (metal), 30 pcs

**GC GRADIA Direct Flo** (1.5 g/0.8 ml per syringe)
- Refill: 2 Syringes, 4 Dispensing Tip Needle type (metal)
- 002278 A1 002281 A2.5 002358 BW
- 002279 A2 002284 AO3
- 002280 A3 002285 CV

**GC GRADIA Direct Flo Accessories**
- 001926 Dispensing tips, Metal type, 20 pcs
- 001927 Dispensing tips, Plastic type, 20 pcs

**GC GRADIA Direct LoFlo** (1.3 g/0.8 ml per syringe)
- Refill: 2 Syringes, 4 Dispensing Tip Needle type (metal)
- 002289 A1 002292 A2.5 002298 BW
- 002290 A2 002295 AO3
- 002291 A3 002296 CV

**GC GRADIA Direct LoFlo Accessories**
- 001926 Dispensing tips, Metal type, 20 pcs
- 001927 Dispensing tips, Plastic type, 20 pcs
GC G-aenial Bond

One Component Self-Etching Light-Cured Adhesive

GC G-aenial Bond offers you a very high and safe adhesion to both enamel and dentine, regardless of the technique you choose. With GC G-aenial Bond you gain the simplicity and reduced post-operative sensitivity of a self-etch adhesive combined with increased bond strength when you decide to use 10-second selective etching on enamel. The increased level of phosphate ester monomer optimizes etching and improves the quality of the hybrid layer. The resulting nano-interaction zone and the HEMA-free formulation are key factors for strength and durability of the adhesion.

Characteristics & benefits

- Can be used as self-etch adhesive or with selective etching of enamel, select the best option depending on the case
- Superior bond strength to enamel and dentine thanks to the combination of chemical as well as micro-mechanical adhesion
- Long lasting bond strength thanks to HEMA-free formulation
- Excellent marginal integrity
- No post-operative sensitivity, independent from technique or composite used
- Clinical reliability proven in independent tests
- Simple and short working procedure

How to use

Apply and leave the adhesive layer undisturbed for 10 sec. Dry thoroughly for 5 sec. under MAXIMUM air pressure and light-cure for 10 sec.

For the selective etching approach, apply 35% - 40% phosphoric acid on enamel for 10 sec. prior to the application of the bonding agent. Then proceed with normal steps as described above.

Packages

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>004217</td>
<td>Starter Kit (1 x 5 ml bottle, 50 disposable applicators (fine), 20 x disposable dispensing dish)</td>
</tr>
<tr>
<td>004219</td>
<td>3-bottle Pack (3 x 5 ml bottle)</td>
</tr>
<tr>
<td>004220</td>
<td>Refill (1 x 5 ml bottle)</td>
</tr>
</tbody>
</table>
Restorative Dentistry

Step-by-step

Prior to use, carefully review the instructions for use.

GC G-ænial Bond in the self-etch approach

1. Apply G-ænial Bond
2. Wait for 10 sec.
3. Dry with maximum air pressure 5 sec.
4. Light-cure for 10 sec.

GC G-ænial Bond in the selective etch approach

1. Etch the enamel for 10 sec.
2. Rinse
3. Dry
4. Apply G-ænial Bond and continue as described above.

GC G-Bond

One Component Self-Etching Light-Cured Adhesive

GC G-Bond is a self-etching, easy-to-use, light-cured adhesive which utilises both chemical and micro-mechanical adhesion principles. The two functional monomers, 4-MET and Phosphoric Acid Ester, combine with nanofilled particles to form a unique and stable nanofilled interface with the dentine – the nano interaction zone (NIZ) – whilst offering a reliable adhesion to enamel at the same time.

Characteristics & Benefits

- Mild etching providing a very low risk of post-operative sensitivity
- Presence of two different functional monomers creates chemical adhesion to dentine and enamel
- Proven long term clinical performance
- One-component system with a simplified handling technique which saves time - a 30 sec. procedure
- Ease of use with low sensitivity to dentine moisture
- HEMA-free for a durable bond in time

Packages

| GC G-Bond | 002277 | Starter Kit, Bottle (5 ml bottle, 50 disposable applicators & 1 dispenser tray) |
| GC G-Bond | 002302 | Starter Kit, Unit Dose (50 x 0.1 ml unit doses & 50 disposable applicators) |
Aesthetic Core Build-Up And Post Luting Composite

With the intelligent system of GC GRADIA Core and GC Fiber Post you can offer your patients enduring restorations which are more conservative and gentle on the remaining tooth structure. GC GRADIA Core combines luting and core build up into one product with ideal handling properties. The self-etching, dual-cure bonding system employs a simplified one-step application. The finishing phase can already start from 5 min. after the core build-up application.

CHARACTERISTICS & BENEFITS

• Minimum tooth preparation thanks to the superior adhesive properties with reduced steps
• Luting and core build-up with 1 material
• Dual-cure and contact-cure to secure high bond strength

GC GRADIA Core

Step-by-step

1. Prepare post space
2. Trial fit the post
3. Cut the post to the desired length
4. Treat the post with silane agent such as GC Ceramic Primer
5. Rinse and dry with air syringe and paper point
6. Treat the surfaces to be bonded with GC GRADIA Core SELF-ETCHING BOND
7. Dry with medium air pressure for 10 sec. Light-cure for 10 sec.
8. Dispense GC GRADIA Core into the post space
10. Build-up with GC GRADIA Core
11. Light-cure each surface for 10 sec.
12. Self-cure for 5 min. if the light cannot reach the material. Then start contouring

Packages

<table>
<thead>
<tr>
<th>GC GRADIA Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>900515 Complete system (1 GC GRADIA Core Kit, 1 GC Fiber Post Assortment Kit, 1 GC GRADIA Core Cartridge Dispenser, 1 GC Ceramic Primer)</td>
</tr>
<tr>
<td>900514 Intro Pack (1 GRADIA Core Kit, 1 GC GRADIA Core Cartridge Dispenser)</td>
</tr>
<tr>
<td>003651 GC GRADIA Core Kit (1 GC GRADIA Core Cartridge 10 ml (20g), 1 SE Bonding Liquid A 3 ml, 1 SE Bonding Liquid B 1.5 ml, 25 Micro-Tip applicators, 1 Application holder, 1 Dispensing dish, 20 GC Automix Tips for Endo, 20 Extension Tips)</td>
</tr>
<tr>
<td>003652 Cartridge Refill (1 GC GRADIA Core Cartridge 10 ml (20g), 20 GC Automix Tips for Endo, 20 Extension Tips)</td>
</tr>
<tr>
<td>003653 GC GRADIA Core SE Bond Liquid A Refill, 3 ml</td>
</tr>
<tr>
<td>003654 GC GRADIA Core SE Bond Liquid B Refill, 1.5 ml</td>
</tr>
<tr>
<td>GC GRADIA Core Accessories</td>
</tr>
<tr>
<td>900511 GC GRADIA Core Cartridge Dispenser, 1 pce</td>
</tr>
<tr>
<td>001930 GC Ceramic Primer (2 x 2 ml liquid)</td>
</tr>
<tr>
<td>900495 Automix Tip for Endo, 10 automix tips for endo, 10 extension tips</td>
</tr>
</tbody>
</table>
**Characteristics & Benefits**

- Minimum root space enlargement with smaller diameter posts
- Unique light transmission to ensure the polymerization of the paste, even in deep post spaces
- High density of glass fibres (77% in weight) without structural defects, ensuring a high resistance to load
- Lower modulus of elasticity than metal for better stress repartition
- High flexural strength similar to metal, in all sizes of posts
- Radiopacity for easy diagnosis

**Indications**

- Even distribution of occlusal stress on the root structure, reducing the risk of fractures

**Characteristics & Benefits**

- Fully adaptable to the morphology of the canal in order to maximize the adhesive surface and the strength in the most critical part of the tooth
- Tooth preserving because canal preparation is not needed to the same degree as with traditional prefabricated posts
- High flexural strength after light curing
- Elasticity very similar to the natural elasticity of dentine
- Adhesive and micromechanical bonding to both composite cement and core composite thanks to the IPN structure

**Indications**

- The unique GC everStickPOST is especially suited to fit the morphology of atypical canals such as curved, oval as well as very large root canals.

**Packages**

<table>
<thead>
<tr>
<th>GC Fiber Post</th>
</tr>
</thead>
<tbody>
<tr>
<td>900515 Complete system (1 GC GRADIA Core Kit, 1 GC Fiber Post Assortment Kit, 1 GC GRADIA Core Cartridge Dispenser, 1 GC Ceramic Primer)</td>
</tr>
<tr>
<td>900513 Intro Package (1 GC Fiber Post Assortment Kit, 1 GC Ceramic Primer)</td>
</tr>
<tr>
<td>400101 Assortment-Kit (15 GC Fiber Posts - 5 x 1.0 mm, 5 x 1.2 mm, 5 x 1.4 mm) and 2 Drills - 1 x 1.2 mm, 1 x 1.4 mm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fibre Post refill</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Fiber Posts in unit dose blister in sizes 0.8, 1.0, 1.2, 1.4, 1.6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drill refill</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 pce available in sizes 1.2, 1.4, 1.6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GC Fiber Post Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>001930 GC Ceramic Primer (2x 2 ml liquid)</td>
</tr>
</tbody>
</table>

**Glass Fiber Post**

With GC Fiber Post you can offer your patients core build-up restorations based on minimum intervention principles. The wide selection of GC Fiber Post sizes allow for more conservative and gentle canal preparation. GC Fiber Posts are specifically designed to offer an optimal adhesive interface with GC GRADIA Core.

**Individually Formable and Unpolymerised Glass Fibre Post**

GC everStickPOST is a soft, flexible and unpolymerized glass fibre post which can be individually adapted to the shape of the root canal before light-curing while offering high strength after light curing. By respecting the anatomy of the canal, the risk for root fracture is reduced tremendously.

**Packages**

<table>
<thead>
<tr>
<th>GC everStickPOST</th>
</tr>
</thead>
<tbody>
<tr>
<td>900827 everStickPOST Intro (5x post Ø 0.9, 5x posts Ø 1.2, 5x posts Ø 1.5, 5ml StickRESIN bottle)</td>
</tr>
<tr>
<td>900836 everStick/C&amp;B (5m everStick/CAB, 5m everStick/PEN, 30 cm everStickNET, 5x everStickPOST Ø 1.2, 5x StickPREFIX hand instrument, 1x StickREFIX D silicone instrument)</td>
</tr>
<tr>
<td>900819 everStick/Start Kit (8 cm everStick/CAB, 10 cm everStick/PEN, 30 cm everStickNET, 5 x everStickPOST Ø 1.2, 5 ml StickRESIN bottle, 2 ml G-ænial Universal Flo syringe, 1x StickREFIX D silicone instrument, 1x StickSTEPPER, 1x StickCARRIER)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Refill</th>
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<tbody>
<tr>
<td>10 x 2 cm posts Ø 0.9</td>
</tr>
<tr>
<td>10 x 2 cm posts Ø 1.2</td>
</tr>
<tr>
<td>10 x 2 cm posts Ø 1.5</td>
</tr>
<tr>
<td>everStickPOST Accessories</td>
</tr>
<tr>
<td>900823 StickRESIN, 5 ml adhesive bottle</td>
</tr>
</tbody>
</table>
Restorative Dentistry

**GC everStickC&B**

Glass Fibre Reinforcement For Fibre-Reinforced Composite Bridges

The use of everStickC&B fibre reinforcement offers a unique treatment method for replacing missing teeth. With everStickC&B you can prepare composite bridges reinforced with fibres in one single visit using a minimally invasive technique. This evidence based fibre reinforcement technology provides you with a metal free, cost-effective treatment method complete your prosthetic treatment choices.

GC everStickC&B enables you to prepare reversible, minimally invasive solutions where healthy tooth structure can be saved for as long as it is clinically possible.

**Characteristics & benefits**
- Reliable and aesthetic way to replace missing teeth during one visit
- Tooth tissue preserving approach
- Perfect for urgent situations and trauma cases to provide an immediate solution to replace missing teeth
- Economical alternative in case of extensive restorative needs
- Ideal for both anterior and posterior restorations

**Indications**
For every indication to replace missing teeth either temporarily, transitonally or for a long-term:
- Surface retained bridges
- Inlay and onlay bridges
- Hybrid bridges
- Full cover crown bridges
- Implant-supported bridges
- Temporary bridges
- Immediate bridges
All these bridges can also be ordered from the dental laboratory.

**Packages**

<table>
<thead>
<tr>
<th>GC everStickC&amp;B (Ø 1.5 mm; ~4000 fibres)</th>
</tr>
</thead>
<tbody>
<tr>
<td>900835 everStickIntro (5 cm everStickC&amp;B, 5 cm everStickPERIO, 1 x StickREFIX D)</td>
</tr>
<tr>
<td>900836 everStickCOMBI (8 cm everStickC&amp;B, 8 cm everStickPERIO, 30 cm² everStickNET, 5 x everStickPOST Ø 1.2, 1 x StickSTEPPER, 1 x StickREFIX D)</td>
</tr>
<tr>
<td>900837 everStickStarter Kit (8 cm everStickC&amp;B, 8 cm everStickPERIO, 8 cm everStickNET, 5 x everStickPOST Ø 1.2, 5 ml StickRESIN bottle, 2 ml G-ænial Universal Flos syringe, 1 x StickREFIX D, 1 x StickSTEPPER, 1 x StickCARRIER)</td>
</tr>
</tbody>
</table>

**Refill**

| 900833 2 x 12 cm fibre bundle |
| 900834 1 x 8 cm fibre bundle |

**GC everStickC&B Accessories**

| 900824 StickREFIX silicone instruments (3 x StickREFIX L, 3 x StickREFIX D) |
Restorative Dentistry

Step-by-step

How to prepare an anterior everStickC&B fibre reinforced bridge for the anterior region

1. Check the occlusion, measure the length & cut fibres
2. Clean the teeth with pumice & water
3. Etch the surface of the bonding area for 45-60 sec.
4. Bond according to manufacturer’s instruction
5. Apply a thin layer of flowable composite
6. Press the fibres and light-cure for 5 sec. per area
7. Fibres should be bent in the pontic area
8. Add transverse fibres onto the frame to support the pontic
9. Cover the entire frame with a thin layer of composite and light-cure for 40 sec.
10. Layer the pontic with composite
11. Finish the bridge and adjust the occlusion

GC everStick for daily dentistry

everStick glass fibre reinforcements have been developed to provide solutions for modern, patient-friendly dentistry. All everStick fibre reinforcements are made of silanated glass fibres in thermoplastic polymer and light curing resin matrix. everStick products address the advantages of minimally invasive dentistry where the patient’s own healthy tooth tissue is saved for as long as clinically possible. This also means that other treatment options remain available should the patient ever need them in the future.

Proper bonding between the fibres and composite is the key factor for a successful treatment. Only everStick products have a unique, patented interpenetrating polymer network structure (IPN). Clinically this leads to superior bonding enabling reliable surface retained applications and perfect handling properties.

The significance of the IPN structure is that surfaces can be reactivated even after the final polymerisation. Reactivation is crucial for superior bonding when
- laboratory-manufactured restorations are cemented to teeth
- FRC devices are remodelled or repaired
The IPN structure makes the everStick products fundamentally different from any other fibre or composite materials available.
Restorative Dentistry

**GC everStick®PERIO**

Glass Fibre Reinforcement For Periodontal Splinting

*everStickPERIO* are pre-impregnated uni-directional glass fibres for minimal invasive and reliable splintings. With optimal handling properties and aesthetics, they offer a dynamic and cost effective alternative for stabilizing and replacing teeth.

**Characteristics & benefits**

- Totally metal free, transparent and high aesthetic solution
- Comfortable for the patient because it can be designed to be self-cleansing and to not interfere with masticatory function
- Can be re-activated and are easy to remodel or repair
- Excellent micromechanical and chemical bonding to composites thanks to patented IPN structure
- Easy to remove when necessary

**Glass Fibre Reinforcement For Aesthetic Orthodontic Retainers**

*GC everStickORTHO* is indicated for the aesthetic retention phase after active orthodontic treatment. The matrix holds the individual glass fibres in bundle which facilitates easy handling and adaptation to the arch.

**Characteristics & benefits**

- Blends with the natural tooth shade
- Easy to adapt directly to the teeth eliminating the need for study models or second visits
- Reliable composite adhesive bonding
- Comfortable to wear and easy to clean
- Completely metal free without risks for metal allergy (Ni, Cr)

**GC everStick®NET**

Glass Fibre Reinforcement For Labial Splinting

*everStickNET* is the optimal choice for labial splints in trauma cases. This pre-impregnated glass fibre splint offers a minimal invasive solution with reliable bonding, optimised handling properties and aesthetics.

**Characteristics & benefits**

- Totally metal free, transparent and high aesthetic solution
- Comfortable for the patient because it can be designed to be self-cleansing and to not interfere with masticatory function
- Can be re-activated and are easy to remodel or repair
- Easy to remove when necessary

**Packaging**

**GC everStickPERIO (Ø 1.2 mm; ~2000 fibres)**

- 900835 everStickIntro (5 cm everStickC&B; 5 cm everStickPERIO; 1 x StickREFIX D)
- 900836 everStickCOMBI (8 cm everStickC&B; 8 cm everStickPERIO; 30 cm² everStickNET; 5 x everStickPOST Ø 1.2; 1 x StickSTEPPER; 1 x StickREFIX D)
- 900819 everStickStarter Kit (8 cm everStickC&B; 8 cm everStickPERIO; 30 cm² everStickNET; 5 x everStickPOST Ø 1.2; 5 ml StickRESIN bottle; 2 ml G-ænial Universal Flosyringe; 1 x StickREFIX D; 1 x StickSTEPPER; 1 x StickCARRIER)
- GC everStickPERIO Refill
  900822 2 x 12 cm fibre bundle
  900832 1 x 8 cm fibre bundle

**GC everStickORTHO (Ø 0.75 mm; ~1600 fibres)**

- 900831 everStickORTHO 2 x 12 cm fibre bundle

**GC everStickNET**

- 900836 everStickCOMBI (8 cm everStickC&B; 8 cm everStickPERIO; 30 cm² everStickNET; 5 x everStickPOST Ø 1.2; 1 x StickSTEPPER; 1 x StickREFIX D)
- 900819 everStickStarter Kit (8 cm everStickC&B; 8 cm everStickPERIO; 30 cm² everStickNET; 5 x everStickPOST Ø 1.2; 5 ml StickRESIN bottle; 2 ml G-ænial Universal Flosyringe; 1 x StickREFIX D; 1 x StickSTEPPER; 1 x StickCARRIER)
- GC everStickNET Refill
  900818 everStickNET, 30 cm² fibre mesh

**Indications**

- Surface-retained or intra-coronal splinting
- Combined periodontal splints and surface-retained bridges

**Indications**

- Labial splinting of traumatized teeth
- Labial periodontal splinting
- Repair and reinforcing of veneers
Restorative Dentistry

**GC StickRESIN**

**Light Cured Enamel Adhesive**

StickRESIN is a light cure single-component enamel adhesive based on dimethacrylates. StickRESIN is used for wetting the Stick fibres and StickNET fibre sheets and for re-activating of fibre surfaces.

**Packages**

<table>
<thead>
<tr>
<th>GC StickRESIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>900823 5 ml adhesive bottle</td>
</tr>
</tbody>
</table>

**GC StickCARRIER**

**Hand Instrument**

The StickCARRIER instrument is specially designed to facilitate the use of Stick and everStick fibre products. The StickCARRIER is very useful during the positioning of the fibre bundle and functions at the same time as a tool to press the fibre bundle in place.

**Packages**

<table>
<thead>
<tr>
<th>StickCARRIER - 1 pce</th>
</tr>
</thead>
<tbody>
<tr>
<td>900826 hand instrument</td>
</tr>
</tbody>
</table>

**GC StickSTEPPER**

**Hand Instrument**

The StickSTEPPER instrument is specially designed to facilitate the use of Stick and everStick fibre products. The shape of StickSTEPPER instrument is facilitating the positioning of the fibre bundles while also protecting the remaining fibre bundles from premature curing during the placement procedure.

**Packages**

<table>
<thead>
<tr>
<th>StickSTEPPER - 1 pce</th>
</tr>
</thead>
<tbody>
<tr>
<td>900825 hand instrument</td>
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</tbody>
</table>
**Restorative Dentistry**

**GC EQUIA®**

**Self-Adhesive Bulk Fill Posterior Restorative**

EQUIA is a unique restorative system for aesthetic and economical posterior restorations with impressive strengths on all levels. The EQUIA system unites EQUIA Fil, a new generation of glass ionomer, and EQUIA Coat, a highly-filled resin coating material that brings glass ionomer technology to the next level and offers you a new dimension in restorative dentistry. Compared to many other restorative options EQUIA gives a substantial time advantage. The incomparable aesthetics widen your posterior restorative options to fulfill your patients’ expectations. Being clinically proven over several years, this system offers a great alternative for your daily routine.

**Characteristics & benefits**

- Total procedure time of around 3.5 minutes
- Extended indications of use compared with other GIC materials
- The system doesn’t require any layering, is non sticky and packable, and adapts perfectly to the cavity walls
- With almost no shrinkage stress, EQUIA can be called a real bulk fill material even for large and deep cavities
- Increased strength of the glass ionomer over time due to the unique maturation effect, attributed to saliva
- The use of a rubber dam is optional and the chemical adhesion eliminates complicated bonding procedures
- No need for any complex finishing and polishing since only a single application of EQUIA Coat is required
- Unrivalled shine and smooth surfaces with a durable, natural gloss easier than ever before

The EQUIA system is available in a variety of single and combination packages, consisting of capsules of EQUIA Fil and a bottle of EQUIA Coat. EQUIA Fil is delivered in the following Vita® shades: A1, A2, A3, A3.5, B1, B2, B3, C4 and SW (Standard White).

**Packages**

<table>
<thead>
<tr>
<th>GC EQUIA (mixed volume per capsule 0.14 ml)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro Pack (box with 100 capsules EQUIA Fil, 4 ml EQUIA Coat &amp; Accessories)</td>
</tr>
<tr>
<td>900555 A2 900556 A3 900603 Assorted</td>
</tr>
<tr>
<td>900556 A2 900603 Assorted</td>
</tr>
<tr>
<td>Prime Pack (box with 100 capsules EQUIA Fil, 4 ml EQUIA Coat &amp; Accessories)</td>
</tr>
<tr>
<td>900564 A2 &amp; A3 900565 A2 &amp; A3 900566 A3 &amp; A3</td>
</tr>
<tr>
<td>Clinical Pack (250 EQUIA Fil capsules, 6 ml EQUIA Coat &amp; Accessories)</td>
</tr>
<tr>
<td>900857 A2 900858 A3 900859 B2</td>
</tr>
<tr>
<td>Refill: Box of 50 capsules</td>
</tr>
<tr>
<td>004259 Assorted 004262 A2 004265 B2</td>
</tr>
<tr>
<td>004260 A1 004263 A3.5 004266 B3</td>
</tr>
<tr>
<td>004261 A2 004264 B1 004267 SW</td>
</tr>
<tr>
<td>Refill EQUIA Coat</td>
</tr>
<tr>
<td>004268 1 bottle EQUIA Coat 4 ml, disposable applicators (25)</td>
</tr>
<tr>
<td>GC EQUIA Accessories</td>
</tr>
<tr>
<td>002539 GC Capsule Applier IV, 1 pce</td>
</tr>
</tbody>
</table>
Restorative Dentistry

Clinical cases EQUIA®

Cervical restoration - Dr. M. Blique
Occlusal restorations in permanent teeth - Dr. M. Blique
Occlusal restorations in permanent teeth - Dr. M. Blique
Restoring by minimally invasive technique - Dr. D. Adyani-Fard

Step-by-step

1. Apply petroleum jelly or GC Cocoa butter inside the matrix
2. Use anatomical shaped wedges for better adaptation and contact points
3. Use of tight rings from sectional matrix systems act as separator of teeth to ensure good contact points
4. Apply GC Cavity Conditioner (10 sec.) or Dentin Conditioner (20 sec.)
5. Rinse and gently dry, do not desiccate
6. Shake or tap. Depress plunger
7. Insert on Capsule Applier. Click once to activate
8. Mix for 10 sec. Working time is 1 min. 15 sec. from start of mix
9. Insert on Capsule Applier. Click twice to prime capsule
10. IMMEDIATELY Dispense within 10 sec.
11. Pack and contour. Avoid moisture contamination and dry-out
12. Ensure complete set of EQUIA® Fil and carefully remove the ring. Use a probe to separate the bond between matrix and EQUIA® Fil
13. Final finishing after 2 min. 30 sec. from start of mix
14. Finish the restoration by applying the EQUIA® Coat. DO NOT AIR BLOW
15. Light cure for 20 sec.

Note: Steps except for 1, 2, 3 and 12 are common for Class I and II
Restorative Dentistry

GC Fuji IX GP EXTRA (Powder/Liquid - P/L)

Improved Fast-Setting Packable Glass Ionomer Restorative

Advances in glass technology have resulted in the development of GC Fuji IX GP EXTRA, a high strength glass ionomer cement with a new generation of glass filler which gives a restoration with a very high translucency that changes little over time. The result is natural aesthetics never before achievable with conventional glass ionomer. GC special glass filler used in Fuji IX GP EXTRA releases three times more fluoride than GC Fuji IX GP FAST so it provides even better protection against caries. The comfortable working time combined with a fast setting time mean you can start finishing and polishing just two and a half minutes after mixing.

Characteristics & benefits
- Extra fluoride release
- Extra fast setting yet with ample working time
- Extra translucency for improved aesthetics
- No need for rubber dam
- Intrinsic adhesion to dentine and enamel, without the need for etching and bonding
- No need for undercutting, allowing tooth-conserving preparation
- Can be used with metal matrices for easy contouring
- Single step placement
- Good radiopacity, facilitating postoperative diagnosis
- Excellent biocompatibility

Indications
GC Fuji IX GP EXTRA is ideal for permanent or temporary Class I and II restorations in children’s teeth, non-load-bearing Class I and II restorations in adult teeth, Class V and root surface restorations, core build-up and for use with a composite or an inlay in the immediate or delayed sandwich technique.

Packages

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>005074</td>
<td>Intro Package, 1-1 Pack A2 (15g powder, 6.4ml liquid)</td>
</tr>
<tr>
<td>005075</td>
<td>Intro Package, 1-1 Pack A2 (15g powder, 6.4ml liquid)</td>
</tr>
<tr>
<td>Refill:</td>
<td>15g powder</td>
</tr>
<tr>
<td>005080</td>
<td>A3 005083 A2 005085 B2 005088 A1 005091 A3.5 005094 B3 005097 A2 005099 B1 005100 C4 005103 B2</td>
</tr>
<tr>
<td>005072</td>
<td>6.4ml (8g) liquid</td>
</tr>
</tbody>
</table>

GC Fuji IX GP EXTRA CAPS

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>002533</td>
<td>Assorted 002536 A3 002539 B2 002542 A1 002545 A3.5 002548 B3 002551 A2 002554 B1 002557 C4 002560 A3 002563 B2</td>
</tr>
<tr>
<td>002559</td>
<td>GC Capsule Applier IV, 1 pce</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>002559</td>
<td>GC Capsule Applier IV, 1 pce</td>
</tr>
</tbody>
</table>
GC Fuji IX GP & Fuji IX GP FAST

Normal And Fast-Setting Packable Glass Ionomer Restorative

The packable non-sticky consistency of GC Fuji IX GP makes it ideal to be used in Class I, II & V restorations, as base or as core build-up material. The genuine glass ionomer properties, in combination with the ease of use, ensure that GC Fuji IX GP can meet all your demands of modern restorative materials.

Characteristics & Benefits
- Easy-to-use packable posterior glass ionomer with high wear resistance
- No need for rubber dam
- Intrinsic adhesion to dentine and enamel, without the need for etching and bonding
- Can be used with metal matrices for easy contouring
- Single step placement
- Good radiopacity, facilitating postoperative diagnosis
- Excellent biocompatibility

How to use
GC Fuji IX GP FAST is often chosen when the final treatment plan has not been decided on. Many treatments are possible: a sandwich technique with a composite material, an inlay or simply the glass ionomer filling itself.

Specific features of GC Fuji IX GP FAST:
- Shorter setting time with final finishing only 3 min. after start of mix
- Thicker consistency for easy packing
- Stronger for improved longevity

Packages
GC Fuji IX GP P/L
- Intro Package, 1-1 Pack, A3 (15 g powder & 6.4 ml liquid)
- Refill: 15 g powder
- 000158 A2 000161 B2 000163 C4
- 000159 A3 000162 B3 000164 6.4
- 000160 A3.5

GC Fuji IX GP CAPS (mixed volume per capsule 0.14 ml)
- Refill: Box of 50 capsules
- 000166 A2 000168 A3.5 000170 B3
- 000167 A3 000169 B2 000171 C4

GC Fuji IX GP FAST P/L
- Intro Package, 3-2 Pack (3 x 15 g powder: A2, A3, B3 & 2 x 6.8 ml liquid)
- Refill: 15 g powder
- 000195 A1 000199 A4 000203 C2
- 000196 A2 000200 B2 000204 C
- 000197 A3 000201 B3 000205 D2
- 000198 A3.5 000202 B4
- 000206 6.8 ml liquid

GC Fuji IX GP FAST CAPS (mixed volume per capsule 0.14 ml)
- Refill: Box of 50 capsules
- 000202 A1 000214 A3.5 000216 B3
- 000212 A2 000215 B2 000217 C4
- 000213 A3

For all information, consult the instructions for use.

GC Fuji II LC Improved

Light-Cured Glass Ionomer Restorative

GC Fuji II LC Improved is the worldwide leading light-cured glass ionomer restorative. Although designed primarily as a restorative material for use in Class III, V and deciduous teeth, GC Fuji II LC Improved is a multipurpose material, with secondary indications such as liner, base and core build-up.

Characteristics & Benefits
- Small particles offering excellent aesthetics and polishability
- Higher filler loading for significantly improved abrasion resistance
- Good radiopacity to facilitate postoperative diagnosis
- Self-adhesive and hydrophilic
- Available in 11 Vita® shades

How to use
Some advantages of GC Fuji II LC Improved:
- Single step placement
- Excellent biocompatibility
- Good radiopacity, facilitating postoperative diagnosis
- Excellent biocompatibility

Packages
GC Fuji II LC P/L
- Intro Package, 1-1 Pack, A3 (15 g powder & 6.4 ml liquid)
- Refill: 15 g powder
- 000153 6.4 ml liquid
- 000158 A2 000161 B2 000163 C4
- 000159 A3 000162 B3 000164 6.4
- 000160 A3.5

GC Fuji II LC CAPS (Box of 50 capsules, mixed volume per capsule 0.10 ml)
- Refill: Box of 50 capsules
- 000137 A1 000142 A4 000146 C2
- 000138 A2 000143 B2 000147 C4
- 000139 A3 000144 B3 000148 D2
- 000141 A3.5 000145 B4

For all information, consult the instructions for use.
**Restorative Dentistry**

**GC Fuji VIII GP**

*Auto-Cured Resin-Reinforced Glass Ionomer Restorative*

Glass ionomer restorative with improved physical and aesthetic properties make it the material of choice for Class III, V and root surface restorations. GC Fuji VIII GP is a truly economical product.

**Characteristics & Benefits**

- Reliable long-lasting bond strength due to strong chemical adhesion
- Good translucency without light-curing
- Special formula with specific resins making it ideal for anterior restorations
- Good diametral tensile strength (30 MPa) and high flexural strength (52 MPa)
- Reaches 90% of its mechanical properties within just 10 min.
- Plus all the advantages of a GIC

**Packages**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>001870</td>
<td>GC Fuji VIII GP P/L (1-1 pack, 15 g powder, 6.8 ml liquid)</td>
</tr>
<tr>
<td>001871</td>
<td>A2  001872  A2.5  001874  B3</td>
</tr>
<tr>
<td>001873</td>
<td>A3  001875  B2  001876  C4</td>
</tr>
</tbody>
</table>

**Accessories**

- 001882  8 g liquid

**GC Fuji LINING LC Paste Pak**

*Paste-Paste Light-Cured Glass Ionomer Lining Material*

Paste-paste light-cured resin modified GIC for all your fast and reliable linings. Combines accurate dispensing with magnificent handling.

**Characteristics & Benefits**

- Simple, accurate dispensing
- Very easy bubble-free mixing
- Easy adaptation to cavity walls without slumping
- Thin film thickness
- Excellent bond to tooth structure without conditioning
- Tight bond to composite resin

**Packages**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>001887</td>
<td>Paste Pak Cartridge, 7 g / 4.7 ml &amp; mixing pad</td>
</tr>
</tbody>
</table>

**GC Fuji LINING LC**

*Light-Cured Glass Ionomer Lining Material*

Powder-liquid type of light-cured cement for fast linings under amalgam, composite and ceramic.

**Characteristics & Benefits**

- Light-curing and fast setting time (30 sec. VLC)
- Low water-solubility, unaffected by moisture
- Excellent bonding to tooth structure, offering a durable marginal seal
- Radiopaque for easy post-operative diagnosis

**Packages**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000021</td>
<td>Intro Package, 1-1 Pack (10 g powder, 6.8 ml liquid &amp; accessories)</td>
</tr>
<tr>
<td>000012</td>
<td>10 g powder</td>
</tr>
<tr>
<td>000018</td>
<td>6.8 ml liquid</td>
</tr>
</tbody>
</table>
Cavity Cleaning Agent

A mild 20% polyacrylic conditioner which removes the smear layer and conditions tooth surfaces.

How to use

Apply with a pellet for 10 sec., rinse with water, dry without desiccating and apply the glass ionomer.

Characteristics & Benefits

- Cleans the surface effectively to achieve optimal chemical adhesion
- Creates mechanical retention
- Lower risk of post-operative sensitivity
- Enhances the marginal seal
- Blue tint for application control

GC Dentin Conditioner

Cavity Cleaning Agent

The 10% polyacrylic acid solution cleans tooth surfaces to improve adhesion of glass ionomers.

How to use

Apply with a pellet for 20 sec., rinse with water, dry without desiccating and apply the glass ionomer.

Characteristics & Benefits

- Improves the marginal seal for increased longevity of the restoration
- Leaves smear plugs in the tubules to decrease the risk of post-operative sensitivity
- Blue tinting for application control

GC Caviton

Temporary Filling Material

Temporary filling material for standard cavities and after endodontic treatments.

Characteristics & Benefits

- Setting initiated by water and saliva
- Excellent adaptability
- Easy to remove

Packages

<table>
<thead>
<tr>
<th>GC Cavity Conditioner</th>
<th>000110</th>
<th>5.7 ml liquid</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>GC Dentin Conditioner</th>
<th>000120</th>
<th>23.8 ml liquid</th>
</tr>
</thead>
</table>

| GC Caviton | 000286 | White, 30 g container |
GC G-Coat PLUS

**Characteristics & benefits**
- Provides surface smoothness which reduces the risk of staining on all kinds of restoratives such as GICs and composites
- Protects the margin of tooth and restorative
- Prevents the initial sensitivity of GICs to water
- Improves wear resistance, especially for glass ionomer products
- Compatible with different types of light-curing units

**Indications**
- Glass ionomer restorations
- Composite restorations
- Temporary crowns
- Existing restorations
- Protection restorative – tooth margin

**How to use**
- Dispense 1 drop.
- Apply on the restoration.
- Light-cure for 20 sec.
  (Do not air blow)

**Packages**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>002583</td>
<td>GC G-Coat Plus Starter Kit, Bottle (bottle 4 ml, 20 dispensing dishes, 50 micro-tips applicator &amp; 1 applicator holder)</td>
</tr>
</tbody>
</table>

GC Dia Polisher Paste

**Characteristics & benefits**
- Superfine diamond particles (1μm) offer the highest effectiveness in a short time
- Perfect glossy surface for beautiful results
- Effective in avoiding plaque attachment and discolouration
- Easy to wash off with water
- Fresh mint flavour

**How to use**
- Polish composite or porcelain surfaces using moderate speed and pressure with a cup or a brush.

**Packages**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>004415</td>
<td>Dia Polisher Paste 2 g</td>
</tr>
</tbody>
</table>

Nanofilled Self-Adhesive Light-Cured Protective Coating

GC G-Coat PLUS is a single dispersion nano-filled protective coating for glass ionomer, composite and temporary restorations. The liquid glaze ensures strength, toughness and protection. No longer is there a need for the final polishing as GC G-Coat PLUS provides long lasting gloss and perfect smoothness in a simple three step application.

**Diamond Polishing Paste for Composite and Porcelain**

Used as a final step after the usual polishing procedures, GC DiaPolisher Paste will provide a higher gloss to any direct and indirect composite restorations, thereby enhancing the aesthetic results. Polishing of occlusal surfaces as well as the maintenance of existing composite restorations becomes so much easier.
**Minimum Intervention Dentistry**

**Characteristics & Benefits**
- Extremely thin and flexible material, offering excellent adaptability even between tight interproximal contacts
- Very tear resistant
- Abrasive particles are firmly embedded into the strip surface
- Available in four grades
- Handy strip dispenser
- Also available as matrix strips

**Indications**
- Coarse = preparation
- Medium = final preparation
- Fine = finishing
- Extra fine = polishing

**Packages**

<table>
<thead>
<tr>
<th>GC New Metal Strips</th>
</tr>
</thead>
<tbody>
<tr>
<td>000267</td>
</tr>
<tr>
<td>000261</td>
</tr>
<tr>
<td>000251</td>
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<tr>
<td>000255</td>
</tr>
<tr>
<td>000259</td>
</tr>
<tr>
<td>000263</td>
</tr>
<tr>
<td>Refill: 6 mm, 12 pcs</td>
</tr>
<tr>
<td>000268</td>
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<tr>
<td>000269</td>
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<tr>
<td>000270</td>
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<tr>
<td>000271</td>
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</tbody>
</table>

**GC Epitex**

**Characteristics & benefits**
- Very flexible and tear resistant
- Very thin to reach between tight interproximal contacts
- Autoclavable and easy to clean
- Various grades and various widths

**Indications**
- Coarse = preparation
- Medium = final preparation
- Fine = finishing
- Extra fine = polishing

**Packages**

<table>
<thead>
<tr>
<th>GC Epitex</th>
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<tbody>
<tr>
<td>000404</td>
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<tr>
<td>000409</td>
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<tr>
<td>000405</td>
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<tr>
<td>000407</td>
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<tr>
<td>000406</td>
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<tr>
<td>000408</td>
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</tbody>
</table>

**Finishing Strips**
Metal strips electro-plated with aluminium-oxide particles for approximal contouring, finishing and polishing of all kind of restoratives.

**Finishing And Polishing Strips**
Strip for contouring, finishing and polishing in interproximal spaces, suitable for glass ionomers and composites.
THE RIGHT PRODUCTS FOR YOUR PROSTHETIC PROCEDURES...

Every dentist knows how important it is to take an accurate impression, since this will be THE key element ensuring perfect fitting prosthetics. The right impression material and a good impression taking technique make the whole prosthetic process smoother and faster.

GC is proud to present a new and innovative way of impression taking with a new chemistry that allows excellent impressions to be taken under every condition. Achieving perfect impressions for perfectly fitting restorations under unpredictable circumstances is now possible for every dental professional with GC EXA’lence.

Besides our new VPES materials, we also continue offering our proven line of thixotropic hydrophilic silicone based impression materials for all popular impression techniques.

With its advanced lead and dust-free formula of ultra-fine alginate-particles, GC Aroma Fine PLUS offers smooth surfaces for exceedingly accurate impressions. The excellent powder-water affinity makes it very easy and quick to mix.

To ensure restorations fit first time, it is necessary to use the right impression material but it is of paramount importance to choose the right tray as well. Whether you are looking for a dentulous, edentulous or closed-bite tray, we have exactly the tray that fits your requirements. After all, GC offers the widest range of stock trays available in Europe.

Following years of expertise with GC Fit Checker, GC is now introducing GC Fit Checker Advanced and GC Fit Checker Advanced Blue. Based on the VPES technology also used in GC EXA’lence, we present these new fit checking materials: ultra fine thickness and transparency for perfect and precise fit checking as well as a very sharp and short setting time.

Added to that, new features such as increased hardness for easy trimming and removing and the special blue colour for easy checking on ceramic materials make them a material you always want to have in your drawer.

In restorative dentistry there is often a need for temporary solutions. Whether you are looking to create single shade temporaries or multilayer aesthetic long term temporaries, GC can offer you a range of self-curing and light-curing state-of-the-art materials.

Last but not least GC’s comprehensive range of top-end relining products consisting of products based on advanced acrylic and silicone technology, providing you with an option for all your patients’ individual needs. Classic indications like sensitive mucosa, pressure points, sharp or bony alveolar ridges and undercuts or non fitting dentures, they all deserve a straightforward, one-step solution. That's exactly what GC’s portfolio of tissue conditioning and relining products can offer.
<table>
<thead>
<tr>
<th>TABLE OF CONTENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prosthetic dentistry for the dentist</td>
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<tr>
<td><strong>Luting</strong></td>
</tr>
<tr>
<td>Composite</td>
</tr>
<tr>
<td>Step-by-step</td>
</tr>
<tr>
<td>GC G-CERM Capsule</td>
</tr>
<tr>
<td>GIC - Resin modified</td>
</tr>
<tr>
<td>GC Fuji PLUS (EWT)</td>
</tr>
<tr>
<td>GIC - Conventional</td>
</tr>
<tr>
<td>Temporary</td>
</tr>
<tr>
<td>GC Freegenol</td>
</tr>
<tr>
<td><strong>Temporary C&amp;B</strong></td>
</tr>
<tr>
<td>Utilities</td>
</tr>
<tr>
<td><strong>Luting</strong></td>
</tr>
<tr>
<td>Orthodontic luting</td>
</tr>
<tr>
<td>GIC - Resin modified</td>
</tr>
<tr>
<td>GC Fuji ORTHO LC</td>
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<tr>
<td>GC Fuji ORTHO</td>
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<tr>
<td>GC Fuji ORTHO BAND LC PP</td>
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<tr>
<td>GC Fuji ORTHO BAND Paste Pak</td>
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<tr>
<td>GC ORTHO Gel Conditioner</td>
</tr>
<tr>
<td><strong>Impression taking</strong></td>
</tr>
<tr>
<td>VPES</td>
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<tr>
<td>Silicone</td>
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<tr>
<td>GC Examix/Flex</td>
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<tr>
<td>GC Exafast NDS</td>
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<tr>
<td>GC Exajet</td>
</tr>
<tr>
<td>Alginate</td>
</tr>
<tr>
<td>GC Dentulous Trays</td>
</tr>
<tr>
<td>GC Edentulous Trays</td>
</tr>
<tr>
<td>GC Closed-bite Trays</td>
</tr>
<tr>
<td>Utilities</td>
</tr>
<tr>
<td>Thermoplastic</td>
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<tr>
<td>GC ISO Functional Sticks</td>
</tr>
<tr>
<td>Utilities</td>
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<tr>
<td><strong>Temporary C&amp;B</strong></td>
</tr>
<tr>
<td>Acrylic resin</td>
</tr>
<tr>
<td>GC Unifast TRAD</td>
</tr>
<tr>
<td>GC Unifast LC</td>
</tr>
<tr>
<td>Composite Resin</td>
</tr>
<tr>
<td><strong>Checking &amp; Registration</strong></td>
</tr>
<tr>
<td>VPES silicone</td>
</tr>
<tr>
<td>GC Fit Checker Advanced Blue</td>
</tr>
<tr>
<td>Silicone</td>
</tr>
<tr>
<td><strong>Relining &amp; Conditioning</strong></td>
</tr>
<tr>
<td>Resin</td>
</tr>
<tr>
<td>GC Reline</td>
</tr>
<tr>
<td>Silicone</td>
</tr>
<tr>
<td>GC Reline Soft</td>
</tr>
<tr>
<td>Parodontology</td>
</tr>
</tbody>
</table>
**Characteristics & benefits**
- Highly efficient self-curing mode
- Excellent bonding property to all modern restorative materials
- High bond-strength to dentine and enamel in both self-cure and dual-cure modes
- No need for pre-conditioning on the tooth structure
- Fluoride release for additional security
- No post-operative sensitivity
- Excellent colour stability
- Lowest linear expansion
- Adequate radiopacity
- No need for refrigeration

**Indications**
Cementation of all types of all-ceramic, resin and metal-based inlays, onlays, crowns and bridges.
Cementation of metal, ceramic, fiber posts, and cast post and cores.

**Packages**
<table>
<thead>
<tr>
<th>GC G-Cem Linkace (4.6 g - 2.7 ml) per syringe</th>
</tr>
</thead>
<tbody>
<tr>
<td>004857</td>
</tr>
<tr>
<td>004858</td>
</tr>
<tr>
<td>004859</td>
</tr>
<tr>
<td>004860</td>
</tr>
</tbody>
</table>

**GC G-Cem Linkace Accessories**
- 900668 GC Automix Tip Regular, 10 pcs
- 900495 GC Automix Tip for Endo, 10 pcs
Prosthetic dentistry for the dentist

STEP-BY-STEP GC G-CEM LinkAce

1. No need for etching or bonding steps

2. Strong bond to all restorations

3. One-step automix dispensing

4. Extremely thin film thickness (3 µm) for perfect seat

- Clean, rinse and dry the prepared tooth.
- Prepare the restoration according to the manufacturer’s instructions.
- Extrude the material directly into the restoration.
- Seat the restoration and maintain moderate pressure.

5. Fast and time saving procedure

6. Ideal consistency for easy excess removal

7. Aesthetic & strong final result

- Tack cure each surface for 1 sec. only or let it self-cure until it feels rubbery.
- Remove excess cement.
- Polish the margins if necessary.

Dr. Javier Tapia Guadix, Madrid, Spain

G-CEM Capsule

Self-Adhesive Resin Luting Cement in Capsules

GC G-CEM is a dual-cure self-adhesive universal resin cement delivered in capsules, designed for the adhesive luting of all-ceramic, metal or composite indirect restorations. GC G-CEM combines the improved handling and self-adhesion of conventional cements with the superior mechanical properties, adhesion and aesthetics of resin cements.

Characteristics & benefits
- Excellent bonding property to restorative materials, including zirconium and lithium disilicate ceramics
- High bond-strength to enamel and dentin in both self-cure and light-cure modes
- No need for pre-conditioning on the tooth structure
- Direct delivery into the root canal with special elongation tip
- Long-term stability and colour stability since there is no dissociation after curing
- Lowest linear expansion

Indications
- All ceramic and composite crowns, bridges, inlays and onlays.
- Metal and porcelain fused to metal crowns, bridges, inlays and onlays.
- Cementation of metal, ceramic, fiber posts, cast post and cores.

Packages

| GC G-CEM CAPS (Box of 50 capsules, mixed volume per capsule 0.17 ml) |
|-----------------|-----------------|-----------------|-----------------|
| 002588          | Assortm.       | 002585          | A03             |
| 002584          | A2             | 002586          | Transient       |

<table>
<thead>
<tr>
<th>GC G-CEM capsules Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>004414 GC capsule elongation tip, 10 pcs</td>
</tr>
<tr>
<td>002559 GC Capsule Applier IV, 1 pce</td>
</tr>
</tbody>
</table>
GC FujiCEM 2

Resin Modified Glass Ionomer Luting Cement

New GC FujiCEM 2 is the result of an entire decade of continuous improvements along with the solid reputation of more than 150 million crowns cemented worldwide. Powered by the innovative Force & Fusion Technology, GC FujiCEM 2 rewards dentists with the assurance of a successful treatment. New FujiCEM 2 combines the best in handling characteristics and physical properties for your total peace of mind. Whether you are in favour of automix or handmix, prefer a clicker type or syringe type of dispenser .... GC FujiCEM 2 offers it all in 1 product.

**Characteristics & benefits**
- Choose your preferred dispenser: clicker-type metal Paste Pak Dispenser or syringe-type plastic FujiCEM 2 Dispenser
- Choose your preferred manipulation: automix or handmix
- Differentiated colour of pastes A and B for a visual control to achieve a homogenous mix.
- A film-thickness, under seating pressure, of only 10 μm for improved fit
- New high elastic cross linking monomer with better resistance to the challenges of occlusal loads
- Clinically insoluble chemical bonding with guaranteed adhesive strength
- No post-operative sensitivity
- Optimal fluoride release

**Indications**
GC FujiCEM 2 is a cost effective material that accommodates a broad range of indications:
- Metal and porcelain fused to metal (PMF) crowns and bridges
- High strength all ceramic (zirconia) crowns and bridges
- Composite inlays, onlays, crowns and bridges
- All ceramic inlays
- Metal, ceramic and fiber posts

**Packages**

<table>
<thead>
<tr>
<th>GC FujiCEM 2 (13.3 g/7.2 ml per cartridge)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro kits</td>
</tr>
<tr>
<td>900624 2 Paste Pak Cartridges + Paste Pak Dispenser (metal)</td>
</tr>
<tr>
<td>900625 2 Paste Pak Cartridges + FujiCEM 2 Dispenser (plastic)</td>
</tr>
<tr>
<td>900626 2 Paste Pak Cartridges + 44 mixing tips + Paste Pak Dispenser (metal)</td>
</tr>
<tr>
<td>900627 2 Paste Pak Cartridges + 44 mixing tips + FujiCEM 2 Dispenser (plastic)</td>
</tr>
<tr>
<td>Refill</td>
</tr>
<tr>
<td>004599 2 Paste Pak Cartridges</td>
</tr>
<tr>
<td>004600 2 Paste Pak Cartridges &amp; 44 mixing tips</td>
</tr>
<tr>
<td>GC FujiCEM 2 Accessories</td>
</tr>
<tr>
<td>001573 Paste Pak Dispenser (metal)</td>
</tr>
<tr>
<td>004647 GC FujiCEM 2 Dispenser (plastic)</td>
</tr>
<tr>
<td>900446 GC FujiCEM 2, mixing Tip refill</td>
</tr>
</tbody>
</table>
**GC Fuji PLUS (EWT)**

**Characteristics & Benefits**
- Easy mixing and handling like a conventional cement with similar mechanical properties to resin cements
- Intrinsic adhesion to tooth structure to eliminate complex and moisture sensitive bonding procedures
- Minimal film thickness for easy seating and improved fit
- No post-operative sensitivity
- Very low solubility to maintain marginal seal
- Radiopacity for facilitated diagnosis

**Characteristics & Benefits**
- Easy mixing and handling like a conventional cement with similar mechanical properties to resin cements
- Intrinsic adhesion to tooth structure to eliminate complex and moisture sensitive bonding procedures
- Minimal film thickness for easy seating and improved fit
- No post-operative sensitivity
- Very low solubility to maintain marginal seal
- Radiopacity for facilitated diagnosis

**Indications**
GC Fuji PLUS is multi-purpose and able to cement metal-based restorations, ceramic inlays, reinforced ceramic crowns and bridges and all types of acrylic/resin crowns, inlays, onlays and bridges.

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**Packages**

<table>
<thead>
<tr>
<th>GC Fuji PLUS P/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro Package, full set A3 (15 g powder, 7 ml liquid, 6.5 ml conditioner &amp; accessories)</td>
</tr>
<tr>
<td>Refill</td>
</tr>
<tr>
<td>00219 Yellow, 15 g powder</td>
</tr>
<tr>
<td>00231 EWT, A3, 15 g powder</td>
</tr>
<tr>
<td>00220 7 ml liquid</td>
</tr>
<tr>
<td>00222 Yellow, 15 g powder</td>
</tr>
</tbody>
</table>

**GC Fuji PLUS CAPS (Box of 50 capsules mixed volume per capsule 0.19 ml)**

<table>
<thead>
<tr>
<th>GC Fuji PLUS Capsules (Box of 50 capsules, mixed volume per capsule 0.19 ml)</th>
</tr>
</thead>
<tbody>
<tr>
<td>000219 Yellow, 15 g powder</td>
</tr>
<tr>
<td>001418 A3</td>
</tr>
</tbody>
</table>

**GC Fuji Plus Accessories**

| 002559 GC Capsule Applier IV, 1 pce                                       |


**GC Fuji I**

**Characteristics & Benefits**
- Compatible with pulp and tissue, with reduced risk of post-operative sensitivity
- Excellent adhesion offering a durable marginal seal
- Extended working time, good mixing properties and comfortable handling
- Reduced particle size
- Easy seating of restoration
- Fast setting
- Excellent radiopacity
- Long-term fluoride release

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**Indications**
GC Fuji I is ideal for basic routine luting of metal-based restorations.

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<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Intro Package, 1-1 Pack Light Yellow (35 g powder, 20 ml liquid, accessories)</td>
</tr>
<tr>
<td>Refill</td>
</tr>
<tr>
<td>000136 Light Yellow, 35 g powder</td>
</tr>
<tr>
<td>000138 20 ml liquid</td>
</tr>
</tbody>
</table>

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</table>

**GC Fuji I P/L Accessories**

| 002559 GC Capsule Applier IV, 1 pce                                     |

**Resin Modified Glass Ionomer Luting Cement**

The outstanding performance, and the availability in various shades makes GC Fuji PLUS a multi-purpose cement. GC Fuji PLUS EWT has an extended working time for luting long-span bridge work, combination work and luting of several restorations in one step.

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**GC Fuji Plus Accessories**

| 002559 GC Capsule Applier IV, 1 pce                                     |

**Glass Ionomer Luting Cement**

More than 25 years of documented use has proven GC Fuji I to be safe and effective for many routine luting procedures.

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</thead>
<tbody>
<tr>
<td>000200 Light Yellow</td>
</tr>
</tbody>
</table>

**GC Fuji I P/L Accessories**

| 002559 GC Capsule Applier IV, 1 pce                                     |
Prosthetic dentistry for the dentist

**GC Fuji TEMP LT**

**Paste-Paste Provisional Glass Ionomer Luting Cement**

The first paste-paste conventional glass ionomer cement especially designed for long-term temporary cementation. It provides stable retention while ensuring the future safe removal of indirect restorations.

**Characteristics & Benefits**
- Non-runny consistency and low film thickness
- Easy removal of excess
- Stable and reliable performance for long-term provisional cementation
- High fluoride release and recharge
- Easy to clean up from abutment surface
- No negative influence on final adhesive cementation
- Radiopaque

**Indications**
Long-term temporary cementation of all types of all-ceramic, resin, acrylic and metal-based crowns and bridges. Especially adapted to ensure sufficient retention and retrievability of crowns and bridges cemented on implant abutments.

**Packages**

<table>
<thead>
<tr>
<th>GC Fuji TEMP LT</th>
</tr>
</thead>
<tbody>
<tr>
<td>004253 2 x Paste Pak Cartridge 13.3 g (7.2 ml) &amp; mixing pad</td>
</tr>
<tr>
<td>001573 Paste Pak Dispenser</td>
</tr>
</tbody>
</table>

**GC Freegenol**

**Temporary Luting Cement**

Eugenol-free luting cement for temporary crowns, bridges and prosthetic appliances.

**Characteristics & Benefits**
- Eugenol-free, no negative effect on polymerisation of resin containing materials
- Consistency can be adjusted
- Easy to remove from crowns and cores
- Special cleaner included

**How to use**
Setting time can be adjusted: more base, faster set; less base, slower set.

**Indications**
Long-term temporary cementation of all types of all-ceramic, resin, acrylic and metal-based crowns and bridges. Especially adapted to ensure sufficient retention and retrievability of crowns and bridges cemented on implant abutments.

**Packages**

<table>
<thead>
<tr>
<th>GC Freegenol</th>
</tr>
</thead>
<tbody>
<tr>
<td>000087 1:1 Pack (55 g base, 20 g accelerator, 2.5 ml cleaner &amp; accessories)</td>
</tr>
</tbody>
</table>

**GC Pliers**

**Pliers For Removal Of Prosthetic Appliances**

For trial fitting or removal of (temporary) prosthetic appliances.

**Characteristics & Benefits**
- Optimal ergonomic design for better control of forces
- Secure grip
- Changeable rubber pads, which do not damage prosthetic appliances
- Emery powder to optimise grip

**Packages**

<table>
<thead>
<tr>
<th>GC Pliers</th>
</tr>
</thead>
<tbody>
<tr>
<td>800111 GC Pliers with accessory set (50 rubber packing pads &amp; 4 g emery powder)</td>
</tr>
<tr>
<td>00237 Accessory Set (50 rubber packing pads, 4 g emery powder)</td>
</tr>
</tbody>
</table>
# Application guide

<table>
<thead>
<tr>
<th>Luting Cement Products from GC – Indications Guide</th>
<th>Fuji I</th>
<th>FujiCEM 2</th>
<th>Fuji PLUS</th>
<th>G-CEM LinkAce</th>
<th>G-CEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cement Type</td>
<td>Conventional Glass Ionomer</td>
<td>Resin Modified Glass Ionomer</td>
<td>Resin Modified Glass Ionomer</td>
<td>Self-adhesive Resin Cement</td>
<td>Self-adhesive Resin Cement</td>
</tr>
<tr>
<td>Delivery Mode</td>
<td>P/L and Capsule</td>
<td>Handmix and Automix</td>
<td>P/L &amp; Capsule</td>
<td>Automix</td>
<td>Capsule</td>
</tr>
<tr>
<td>Metal / PFM</td>
<td>Inlays / Onlays</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Crowns</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Bridges</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Endodontic Posts</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Ceramics – Low strength</td>
<td>Inlays / Onlays</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Crowns</td>
<td>No</td>
<td>No</td>
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<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Bridges</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Veneers</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Ceramics – High Strength (Aluminium, Zirconia)</td>
<td>Crowns</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Bridges</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Endodontic Posts</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Composite / Reinforced Polymer</td>
<td>Inlays / Onlays</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Crowns</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Bridges</td>
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<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cement Type</th>
<th>Fuji I</th>
<th>Fuji I CAPS</th>
<th>FujiCEM 2</th>
<th>Fuji PLUS</th>
<th>Fuji PLUS [**]</th>
<th>Fuji PLUS CAPS</th>
<th>G-CEM LinkAce</th>
<th>G-CEM Capsule</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mixing time, min./sec.</td>
<td>20&quot;</td>
<td>10&quot;</td>
<td>10&quot;-15&quot;</td>
<td>20&quot;</td>
<td>20&quot;</td>
<td>10&quot;</td>
<td>10&quot;-15&quot;</td>
</tr>
<tr>
<td></td>
<td>Working time, min./sec. (from start of mixing)</td>
<td>2&quot;</td>
<td>2'15&quot;</td>
<td>2'15&quot;</td>
<td>2'30&quot;</td>
<td>3'30&quot;</td>
<td>2&quot;</td>
<td>3'30&quot;</td>
</tr>
<tr>
<td></td>
<td>Final finishing commencing time, min./sec. (after seating the restoration)</td>
<td>4'30&quot;</td>
<td>4'30&quot;</td>
<td>4'30&quot;</td>
<td>4'30&quot;</td>
<td>5'45&quot;</td>
<td>4'15&quot;</td>
<td>4'30&quot;</td>
</tr>
</tbody>
</table>
GC Fuji ORTHO LC Paste Pak Automix

Paste-Paste Light Curing Glass Ionomer For Orthodontic Bonding

The renowned GC Fuji ORTHO LC is also available in GC’s ultra-convenient automix delivery system. This means that besides the comfort of light-curing, you can also enjoy the freedom of choice of quantity, but always with guaranteed correct mixing ratios. The well-balanced bond strength ensures that brackets will be reliably retained throughout the treatment but are nevertheless easy to remove. In addition, the enamel is protected by the sustained and rechargeable fluoride release and as such, the risk of white spots developing during orthodontic treatment is significantly reduced.

Characteristics & Benefits

- Cartridge delivery system reduces preparation time
- Optimal handling with choice between easy handmix or automix
- Controlled dosage ensuring the right quantities for every indication
- Convenient direct application on brackets using the automix tips
- Light-curing within 20 sec.
- Excellent adhesion, even in a moist environment
- Optimal fluoride release
- Easy removal of brackets, avoiding enamel fractures

Packages

<table>
<thead>
<tr>
<th>GC Fuji ORTHO LC Paste Pak Automix</th>
</tr>
</thead>
<tbody>
<tr>
<td>003102</td>
</tr>
<tr>
<td>Refill</td>
</tr>
<tr>
<td>003103</td>
</tr>
<tr>
<td>GC Fuji ORTHO LC Paste Pak Automix Accessories</td>
</tr>
<tr>
<td>900549</td>
</tr>
<tr>
<td>001573</td>
</tr>
</tbody>
</table>
**GC Fuji ORTHO LC**

**Light Curing Glass Ionomer For Orthodontic Bonding**

For bonding of orthodontic brackets and bands, light-curing provides extended working comfort.

---

**Characteristics & Benefits**

- Light-curing within 40 sec.
- Excellent adhesion, even in a moist environment
- Easy application
- Easy removal of orthodontic appliances, avoiding enamel fractures
- Self-curing
- Long-term fluoride release
- No discolouration

---

**Packages**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000027</td>
<td>Introductory Package, 15 g powder, 6.8 ml liquid &amp; accessories</td>
</tr>
<tr>
<td>000029</td>
<td>40 g powder</td>
</tr>
<tr>
<td>000030</td>
<td>6.8 ml liquid</td>
</tr>
<tr>
<td>000034</td>
<td>Box of 50 capsules</td>
</tr>
<tr>
<td>001820</td>
<td>Conditioner, 23.8 ml liquid</td>
</tr>
<tr>
<td></td>
<td>Accessories</td>
</tr>
<tr>
<td>002559</td>
<td>GC Capsule Applicator IV, 1 pce</td>
</tr>
</tbody>
</table>

---

**GC Fuji ORTHO**

**Self-Curing Glass Ionomer For Orthodontic Bonding**

An ideal combination of the properties of composites and GICs for bonding orthodontic appliances.

---

**Characteristics & Benefits**

- Excellent adhesion, even in a moist environment
- Easy application
- Easy removal of orthodontic appliances without damage to enamel
- Self-curing
- Long-term fluoride release
- No discolouration

---

**Packages**

<table>
<thead>
<tr>
<th>Code</th>
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</tr>
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<tbody>
<tr>
<td>000208</td>
<td>Intro Package, 1-2 Pack (1 x 40 g powder, 2 x 6.8 ml liquid &amp; accessories)</td>
</tr>
<tr>
<td>000209</td>
<td>40 g powder</td>
</tr>
<tr>
<td>000210</td>
<td>6.8 ml liquid</td>
</tr>
<tr>
<td>001820</td>
<td>Conditioner, 23.8 ml liquid</td>
</tr>
</tbody>
</table>
Characteristics & Benefits

- For bonding of bands and appliances
- Cartridge delivery with controlled dosage ensuring the right quantities for every indication
- Convenient direct application on bands using the automix tip
- Choice between self-curing or light-curing for controlled setting
- Adapted working time of 5’30’
- Optimal handling
- Blue colour for controlled application and removal
- Light-curing within 20 sec.
- High fluoride release
- Excellent adhesion, even in a moist environment
- Easy removal of orthodontic appliances, avoiding enamel fractures

GC Fuji ORTHO BAND LC Paste Pak (Automix compatible)

Paste-Paste Light Curing Glass Ionomer For Bonding Bands

The light-curing GC Fuji ORTHO BAND LC Paste Pak is especially developed for the bonding of bands and appliances. The material is easy to mix because it comes in GC’s ultra-convenient Paste Pak system. The blue colour and the controlled setting by light-curing all add up to an orthodontic cement that is convenient to apply. The well balanced bond strength makes that bands and appliances will be reliably retained throughout the treatment but are nevertheless easily removed. In addition, the sustained and rechargeable fluoride help to protect the enamel and reduces the risk of white spots occurring during orthodontic treatment.

Packages

<table>
<thead>
<tr>
<th>GC Fuji ORTHO Band LC Paste Pak</th>
</tr>
</thead>
<tbody>
<tr>
<td>003105</td>
</tr>
</tbody>
</table>

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<tbody>
<tr>
<td>001573</td>
</tr>
<tr>
<td>900549</td>
</tr>
</tbody>
</table>
GC Fuji ORTHO BAND Paste Pak

**Characteristics & Benefits**
- For bonding of bands and appliances
- Paste Pak cartridge delivery
- Film thickness of just 3μm
- Optimal handling
- High fluoride release
- Blue colour
- Easy removal during application and after debonding

**Packages**
- GC Fuji ORTHO BAND Paste Pak
  - 001888 Box of 2 Paste Pak Cartridges, 2 x 13.3 g / 7.2 ml & mixing pad
- GC Fuji ORTHO BAND Paste Pak Accessories
  - 001820 Conditioner, 23.8 ml liquid
  - 001573 Paste Pak Dispenser

GC ORTHO Gel Conditioner

**Characteristics & Benefits**
- Increases bond strength without damaging enamel
- Available in a syringe with brush tips for easy application
- Blue tint for application control

**How to use**
Clean tooth surface with pumice and water and then apply GC ORTHO Gel Conditioner for 10 sec. Rinse thoroughly. Remove excess moisture with wet cotton roll to avoid dehydrating the surface.

**Packages**
- GC ORTHO Gel Conditioner
  - 003104 3 x 1.4 g (1.2 ml) Syringe, 25 x Brush tip

Paste-Paste Glass Ionomer For Bonding Bands

The first paste-paste orthodontic cement in the world, combining expertise in both ortho cements and paste-paste cements.

Orthodontic Cleaning Agent

Unique 20% polyacrylic acid gel conditioner designed to mildly condition the enamel before application of a GC orthodontic luting cement. The gel conditioner will clean the surface effectively to achieve increased levels of chemical adhesion, but without causing damage to the enamel. The conditioner is delivered in a syringe with brush tips for easy application.
Vinyl Polyether Silicone Impression Material

With the introduction of GC EXA’lence GC has been able to develop the ideal solution for all of your clinical situations and to remove the dilemmas involved in selecting an impression material. The combination of intrinsic hydrophilicity and tear strength into one impression material ensures that from now on you will be able to take excellent impressions in every condition. The EXA’lence range sees GC meeting the demands of both dentists and technicians by providing a complete system with different viscosities and setting times. Achieving perfect impressions for perfectly fitting restorations in unpredictable circumstances is now possible for every dental professional.

Characteristics & benefits

• Intrinsic hydrophilicity ensures wettability of the material before setting for a perfectly detailed capture, even under wet conditions

• Remains hydrophilic after setting, for the highest precision when pouring of the model

• High tear strength eliminates the risk of damage during removal of the impression from the mouth and during removal of the model from the impression

• Long working time and short setting time

• Pleasant mild mint taste for the patient

• Easy to read colour contrast between the different viscosities

 Packages

<table>
<thead>
<tr>
<th>GC EXA’lence</th>
<th>GC EXA’lence Regular Set 48 ml Cartridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>137907</td>
<td>Extra Light Body, 2 cartridges,</td>
</tr>
<tr>
<td></td>
<td>6 mixing tips size SS (yellow)</td>
</tr>
<tr>
<td>137908</td>
<td>Light Body, 2 cartridges,</td>
</tr>
<tr>
<td></td>
<td>6 mixing tips size SS (yellow)</td>
</tr>
<tr>
<td>137916</td>
<td>Medium Body, 2 cartridges,</td>
</tr>
<tr>
<td></td>
<td>6 mixing tips size L (blue)</td>
</tr>
<tr>
<td>137904</td>
<td>Heavy Body, 2 cartridges,</td>
</tr>
<tr>
<td></td>
<td>6 mixing tips size L (blue)</td>
</tr>
<tr>
<td>137905</td>
<td>HeavyRigid Body, 2 cartridges,</td>
</tr>
<tr>
<td></td>
<td>6 mixing tips size L (blue)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GC EXA’lence Fast Set 48 ml Cartridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>137912 Extra Light Body, 2 cartridges,</td>
</tr>
<tr>
<td>6 mixing tips size SS (yellow)</td>
</tr>
<tr>
<td>137913 Light Body, 2 cartridges,</td>
</tr>
<tr>
<td>6 mixing tips size SS (yellow)</td>
</tr>
<tr>
<td>137911 Medium Body, 2 cartridges,</td>
</tr>
<tr>
<td>6 mixing tips size L (blue)</td>
</tr>
<tr>
<td>137909 Heavy Body, 2 cartridges,</td>
</tr>
<tr>
<td>6 mixing tips size L (blue)</td>
</tr>
<tr>
<td>137910 HeavyRigid Body, 2 cartridges,</td>
</tr>
<tr>
<td>6 mixing tips size L (blue)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GC EXA’lence Putty, 500 g (278 ml) Bas, 500 g (278 ml) Catalyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>137810 Standard 1-1 Pack with accessories</td>
</tr>
<tr>
<td>137866 Clinic 5-5 Pack with accessories</td>
</tr>
<tr>
<td>137871 Standard Kit, Medium Body, 1 cartridge,</td>
</tr>
<tr>
<td>10 Dynamic Mixing Tips, 1 Bayonet Locking Ring</td>
</tr>
<tr>
<td>137274 Refill Medium Body, 2 cartridges</td>
</tr>
<tr>
<td>137868 Clinic Pack, Medium Body, 6 cartridges</td>
</tr>
<tr>
<td>137872 Standard Kit, Heavy Body, 1 cartridge</td>
</tr>
<tr>
<td>137273 10 Dynamic Mixing Tips, 1 Bayonet Locking Ring</td>
</tr>
<tr>
<td>137867 Refill Heavy Body, 2 cartridges</td>
</tr>
<tr>
<td>137874 Standard Kit, Medium Body, 1 cartridge,</td>
</tr>
<tr>
<td>10 Dynamic Mixing Tips, 1 Bayonet Locking Ring</td>
</tr>
<tr>
<td>137272 Refill Medium Body, 2 cartridges</td>
</tr>
<tr>
<td>137860 Clinic Pack, Medium Body, 6 cartridges</td>
</tr>
<tr>
<td>137873 Standard Kit, Heavy Body, 1 cartridge,</td>
</tr>
<tr>
<td>10 Dynamic Mixing Tips, 1 Bayonet Locking Ring</td>
</tr>
<tr>
<td>137271 Refill Heavy Body, 2 cartridges</td>
</tr>
<tr>
<td>137869 Clinic Pack, Heavy Body, 6 cartridges</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GC EXA’lence Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>150004 GC Dynamic Mixing Tips, 370 ml (S)</td>
</tr>
<tr>
<td>150005 GC Bayonet Locking Rings, 370 ml (S)</td>
</tr>
<tr>
<td>138900 GC Universal Adhesive for Exa materials 7 ml</td>
</tr>
<tr>
<td>890130 GC Mixing Tips II, 60 x SS (Yellow)</td>
</tr>
<tr>
<td>900114 GC Mixing Tips II, 60 x L (Green/Blue)</td>
</tr>
<tr>
<td>800119 GC Intra-Oral Tips, 100 pcs</td>
</tr>
<tr>
<td>900483 GC Intra-Oral Tips, 100 pcs Yellow</td>
</tr>
<tr>
<td>800006 Cartridge Dispenser</td>
</tr>
</tbody>
</table>
**Impression techniques**

**1 STEP – 1 MATERIAL**

A monophase material is used for pressure build-up and to form a stable base. The same material is injected around the preparation to obtain a reproduction of every detail.

**INDICATIONS**

- Full dentures, inlays, veneers, onlays, partial crowns, impression without preparation, pick-up impression, implants, crowns & bridges

**1 STEP – 2 MATERIALS**

Heavy Body materials provide a stable basis in the tray. Light Body or Extra Light Body (wash materials) is used to coat the tooth ensuring a perfectly detailed reproduction.

**INDICATIONS**

- Inlays, veneers, onlays, partial crowns, impression without preparation, pick-up impression, implants, crowns & bridges

**2 STEPS – 2 MATERIALS**

Pre-impression is taken with a Putty material or a Heavy Body material to form a stable base. The use of GC Separation Wafer is recommended, as it excludes the need for cutting the expression. Precision is achieved by taking the second impression with an Extra Light Body or Light Body material.

**INDICATIONS**

- Crowns, bridges, inlays, onlays and veneers
**GC Exafast NDS & GC Exaflex Putty**

**Characteristics & Benefits**
- Fast setting reduces time in the mouth
- Thixotropic properties, high dimensional stability and uniform flow
- High elasticity and tear resistant for easy removal
- Hydrogen-scavenger formulation allows immediate pouring with gypsum

**Normal Setting A-Silicone Impression Material**
Thixotropic impression material for all popular impression techniques. The adapted flow, extended working time and the snap set make this an extremely easy to use A-silicone material.

**Packages**
- GC Exafast NDS
  - 137006 Injection (copper), Pack of 2 cartridges, 48 ml each & 6 mixing tips II, size S (pink)
  - 137016 Regular (blue), Pack of 2 cartridges, 48 ml each & 6 mixing tips II, size L (blue)
  - 137406 Monophase (purple), Pack of 2 cartridges, 48 ml each & 6 mixing tips II, size LL (purple)

**GC Exafast NDS Accessories**
- 800006 Cartridge Dispenser

**GC Exaflex Putty**
- 137307 Putty, 1:1 Pack (500 g light blue base & 500 g yellow catalyst)
- 137305 5-5 Pack (5 x 500 g light blue base & 5 x 500 g yellow catalyst)

**GC Examix NDS & GC Exaflex Putty**

**Characteristics & Benefits**
- Thixotropic properties for exact detail reproduction
- High dimensional stability, uniform flow for problem free impression taking
- Hydrogen-scavenger formulation allows immediate pouring with gypsum

**Fast Setting A-Silicone Impression Materials**
Family of A-silicone impression materials developed to produce consistently highly precise impressions in only around 2 min.

**Packages**
- GC Exafast NDS
  - 137007 Injection (copper), Pack of 2 cartridges, 48 ml each & 6 mixing tips II, size S (pink)
  - 137007 Regular (blue), Pack of 2 cartridges, 48 ml each & 6 mixing tips II, size L (blue)
  - 137407 Monophase (purple), Pack of 2 cartridges, 48 ml each & 6 mixing tips II, size LL (purple)

**GC Exafast NDS Accessories**
- 800006 Cartridge Dispenser

**GC Exaflex Putty**
- 137885 Putty, 1:1 Pack (500 g light blue base & 500 g yellow catalyst)
- 137885 Putty, 5:5 Pack (5 x 500 g light blue base & 5 x 500 g yellow catalyst)
**Characteristics & Benefits**

- Excellent powder-water affinity, easier and quicker to mix
- Mixture with reduced air bubbles
- Ideal thixotropic properties so it flows easily under light pressure
- Pleasant mint flavour
- Smoother surface for exceedingly accurate impression and smooth gypsum models
- Normal and Fast setting version
- Dynamic mixing with direct activation
- Cartridge fits all standard mixing machines

**Packages**

- **GC Aroma Fine PLUS (10 x 1 kg)**
  - 040107 Normal Set
  - 040108 Fast Set
- **GC Aroma Fine PLUS (5 x 1 kg)**
  - 906336 Normal Set (pink)
  - 906335 Fast Set (green)
Coated Metal, Stainless Steel and Plastic
Stock trays specially designed for use with dentate patients and available in many different sizes, shapes and types.

GC Edentulous Trays
Coated metal trays especially designed for edentate patients to match the patient’s anatomical characteristics.

CHARACTERISTICS & BENEFITS
Coated metal trays
- Rigid tray for enhanced accuracy
- Bendable metal for a more individual fit
- Perforations and welded rimlocks (on the outside of the tray) for optimal retention
- Special design to guide the alginate to all areas of the tray for optimal reproduction of hard and soft tissue
- Resistant to sterilization

Stainless steel trays
- Resistant to sterilisation
- Welded rimlock borders allowing pressure build-up during impression taking

Plastic spacer trays
- Unique ‘zigzag’ rim to minimise cusp contact
- Rimlock borders allowing pressure build-up during impression taking
- Disposable

GC Dentulous Trays
Coated Metal, Stainless Steel and Plastic
Stock trays specially designed for use with dentate patients and available in many different sizes, shapes and types.

CHARACTERISTICS & BENEFITS
Coated metal trays
- Rigid but still bendable for a more individual fit
- Resistant to sterilisation
- Welded rimlock borders allowing pressure build-up during impression taking

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- Welded rimlock borders allowing pressure build-up during impression taking

Plastic spacer trays
- Unique ‘zigzag’ rim to minimise cusp contact
- Rimlock borders allowing pressure build-up during impression taking
- Disposable

NOTE
For the daily routine, choose GC Standard Edentulous trays. To match the patient’s anatomical characteristics, GC STO-K trays are available in square, tapered and ovoid shapes. For immediate dentures, choose GC McGowan trays.
GC Closed-Bite Trays

Characteristics & Benefits
- Micro-thin, flexible mesh that neither impinges on the retromolar area, nor interferes with full closure
- Strong integral handle and framework for easy tray placement and removal
- Available in anterior and posterior styles for adequate arch coverage
- Cost-effective

Note
GC Check-Bite Triple Function trays: to take a working impression, counter impression and bite registration in one procedure. GC Sideless Triple Function: adjustable to 4 full arch positions. GC Double Arch Tray: produce a pair of complimentary models in true occlusal relationship.

GC Impression Separation Wafer

Characteristics & Benefits
- Enables dentists to create a ‘direct’ custom tray at the chair
- The wafer creates a texture onto the surface of the impression material for extra retention
- Easy to master, no need for cutting the impression
- Only one appointment is required
- Cheaper and quicker to perform
- For both upper and lower arch impressions

How to use
The size of the GC Separation Wafer is checked against the selected GC stock tray (preferably rigid metal). Where necessary, parts of the wafer are removed with scissors. The first impression is taken with GC ExaFlex Putty or GC Exafast Putty.

Packages
GC Impression Separation Wafer
800099 | Box of 30 pcs

Check-Bite Triple Function, Sideless Triple Function and Double Arch Trays

Whether you need triple function trays or bite registration trays, GC has an economical, disposable and sturdy solution in the size you are looking for.

Polyethylene Spacer Wafer For Double Impression Techniques

The 1 mm thick polyethylene foam separation wafers create an even space in a first impression to be used later as a custom tray. With this easy technique full advantage can be taken of the elasticity of the impression material, allowing easy removal of the final impression with no permanent deformation.
Prosthetic dentistry for the dentist

**GC Bite Compound**

- Impression Compound For Bite Registration

**Characteristics & Benefits**
- Low softening temperature of 53°C
- Non-sticky
- Long working time
- Checking occlusal registrations

**How to use**
The registration should be taken when the material is pliable without shredding when stretched.

**Packages**

<table>
<thead>
<tr>
<th>GC Bite Compound</th>
</tr>
</thead>
<tbody>
<tr>
<td>001407</td>
</tr>
</tbody>
</table>

**GC ISO Functional Sticks**

- Thermoplastic Sticks For Functional And Relining Impressions

**Characteristics & Benefits**
- Easy to warm up at 62°C
- Quick hardening in cold water
- Wide working area

**How to use**
The registration should be taken when the material is pliable without shredding when stretched.

**Packages**

<table>
<thead>
<tr>
<th>GC ISO Functional Sticks</th>
</tr>
</thead>
<tbody>
<tr>
<td>000043</td>
</tr>
</tbody>
</table>

**GC Treclean**

- Cleaner For Trays
- Cleaning powder for removal of alginate residue on trays.

**Characteristics & Benefits**
- Simply mix with water
- Alginate residue can be easily removed under running water

**Packages**

<table>
<thead>
<tr>
<th>GC Treclean</th>
</tr>
</thead>
<tbody>
<tr>
<td>001144</td>
</tr>
</tbody>
</table>
GC Unifast III

Self-Curing Acrylic Resin For Long-Term Temporaries

The revolutionary SURF polymer processing technology guarantees a bubble-free and exceptionally even-coloured mixture. Handling, physical properties and aesthetics have reached levels beyond expectation with powder liquid resins.

Characteristics & Benefits
- For single shade temporaries or multilayer aesthetic long-term temporaries
- Superior handling for both brush-on and mixing technique
- Optimal thixotropic property and controlled flowability
- Broad range of dentine, enamel and incisal shades
- Optimal translucency to match the natural tooth
- Easy to achieve aesthetic glossy surface with G-Coat PLUS

Indications
- Temporary crowns & bridges
- Inlays
- Gingiva reproduction
- Implant bridges
- Closing of implant screw holes
- Denture repair
- Dentures with attachments

GC Unifast TRAD

Self-Curing Acrylic

Universal resin for temporary inlays, onlays, crowns, bridges and repair of (partial) dentures.

Characteristics & Benefits
- For pressure and brush techniques
- Quick setting
- High dimensional stability
- Suitable as long-term temporary

Packages
GC Unifast III

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>002650</td>
<td>Intro Pack, 2-1 pkg, A2-A3 (35 g powder A2-A3, 42 ml liquid &amp; accessories)</td>
</tr>
</tbody>
</table>

Refill

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>339101</td>
<td>Refill powder 35 g, A1, A2, A3, A3.5, B2, E3, Incisal, Clear, No.3 (Pink, No.8 Pink Veined)</td>
</tr>
<tr>
<td>339102</td>
<td>Refill powder 100 g, A1, A2, A3, A3.5, B2, E3, Incisal, Clear, No.3 (Pink, No.8 Pink Veined)</td>
</tr>
<tr>
<td>339103</td>
<td>Refill powder 300 g, A2, A3, Incisal, No.8 (Pink Veined)</td>
</tr>
<tr>
<td>002651</td>
<td>Liquid 40 g (A2 ml)</td>
</tr>
<tr>
<td>002652</td>
<td>Liquid 100 g (104 ml)</td>
</tr>
<tr>
<td>002653</td>
<td>Liquid 250 g (260 ml)</td>
</tr>
</tbody>
</table>

GC Unifast III Accessories

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>002654</td>
<td>Plastic Case</td>
</tr>
<tr>
<td>002687</td>
<td>Brush No. 10</td>
</tr>
<tr>
<td>002688</td>
<td>Disposable Dispensing Dish (50) No. 2</td>
</tr>
</tbody>
</table>

GC Unifast TRAD P/L

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>339104</td>
<td>Ivory, 100 g powder</td>
</tr>
<tr>
<td>339105</td>
<td>Pink X, 100 g powder</td>
</tr>
<tr>
<td>339106</td>
<td>Life Pink, N° 8, 100 g powder</td>
</tr>
<tr>
<td>339114</td>
<td>Ivory, 250 g powder</td>
</tr>
<tr>
<td>339115</td>
<td>Pink X, 250 g powder</td>
</tr>
<tr>
<td>339116</td>
<td>Life Pink, N° 8, 250 g powder</td>
</tr>
<tr>
<td>339124</td>
<td>Ivory, 1 kg powder</td>
</tr>
<tr>
<td>339123</td>
<td>Pink X, 1 kg powder</td>
</tr>
<tr>
<td>339125</td>
<td>Life Pink, N° 8, 1 kg powder</td>
</tr>
<tr>
<td>339291</td>
<td>104 ml liquid</td>
</tr>
<tr>
<td>339292</td>
<td>260 ml liquid</td>
</tr>
</tbody>
</table>
Prosthetic dentistry for the dentist

GC Unifast LC

Characteristics & Benefits
- Simple application
- Suitable for complex cases
- Initially self-curing to rubber-like consistency for easy removal from the mouth
- Finally light-curing with controlled setting
- Excellent hardness and dimensional stability

Packages
<table>
<thead>
<tr>
<th>GC Unifast LC P/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>338056 Intro Pack, 6-2 Pack (6 x 30 g powder; 2 x 14.7 ml liquid)</td>
</tr>
<tr>
<td>Refill: 50 g powder</td>
</tr>
<tr>
<td>000363 A2 000365 B2 000367 C2</td>
</tr>
<tr>
<td>000364 A3 000366 B3</td>
</tr>
<tr>
<td>000362 Translucent</td>
</tr>
<tr>
<td>000368 2 x 14.3 ml liquid</td>
</tr>
</tbody>
</table>

GC Revotek LC

Characteristics & Benefits
- No need for mixing or pre-impressions
- For 60 average-sized inlays or 30 average sized crowns
- Light-cured composite material with absence of exothermic heat and no odour or chemical irritation
- Strong and durable, highly wear resistant
- Low shrinkage for a perfect fit

How to use
Cut the necessary amount of paste. Shape according to anatomy. Light-cure intra-orally for 10 sec. Remove and light-cure each surface for 20 sec.

Packages
<table>
<thead>
<tr>
<th>GC Revotek LC</th>
</tr>
</thead>
<tbody>
<tr>
<td>001842 Intro Pack, shade B2 (1 Putty Stick, 1 Lightproof storage case, 1 GC Spatula N° 2)</td>
</tr>
</tbody>
</table>

Light-Cured Acrylic

Light-curing resins, especially for temporary inlays, onlays, crowns, veneers and bridges.

Single-Component Temporary C&B Material

Single component light-curing composite resin for temporary restorations delivered as a stick.
Prosthetic dentistry for the dentist 2013-2014

GC Fit Checker Advanced

White VPES Silicone For Fit Checking metal-based restorations and dentures

Vinyl PolyEther material for checking pressure spots and the fit accuracy of indirect restorations. Thanks to its very thin consistency and hydrophilicity, it is very convenient to use and offers an accurate observation of the fit of prosthetics.

Characteristics & benefits
- Available in handmix and automix cartridge
- Easy application thanks to the thixotropic consistency
- Minimal film thickness nevertheless very exact reproduction of every detail
- High tear resistance for easy removal after fit checking
- Increased hardness to allow smooth and easy trimming with bur

Packages
- GC Fit Checker Advanced Tube
  - 004903 White, 1-1 Pack, 55 g (42 ml) Base, 50 g (42 ml) Catalyst, 3g retarder, Mixing Pad
- GC Fit Checker Advanced Cartridge
  - 004904 White, 2 x 62 g (48 ml) cartridges, 3 Mixing Tips IIS (pink), 3 Mixing Tips IISS (yellow)
- GC Fit Checker Advanced Accessories
  - 800006 Cartridge Dispenser

How to use
- Working time: 1 min.
- Minimum time in the mouth: 1 min.

GC Fit Checker Advanced Blue

Blue VPES Silicone For Fit and occlusal Contact Checking of Ceramic Restorations

GC Fit Checker Advanced is easy to apply thanks to its very thin viscosity and very sharp setting time. Its right transparency and blue colour offers an easy observation and perfect contrast with aesthetics prostheses such as ceramic based crowns & bridges.

Characteristics & benefits
- Available in automix cartridge for optimal application
- Good fluidity combined with thixotropy
- Very exact reproduction of every detail
- Transparent blue colour allows an analysis of the occlusal situation, even under 100 um thickness
- High tear resistance for easy removal and increased hardness to allow easy trimming

Packages
- GC Fit Checker Advanced Blue Cartridge
  - 004905 Blue, 2 x 56 g (48 ml) cartridges, 3 Mixing Tips IIS (pink), 3 Mixing Tips IISS (yellow)
- GC Fit Checker Advanced Accessories
  - 800006 Cartridge Dispenser

How to use
- Working time: 1 min.
- Minimum time in the mouth: 1 min.

GC Exabite II NDS

Bite Registration Material

A-silicone material with properties especially adjusted to the requirements of bite registration.

Characteristics & benefits
- Mixing and application directly from the cartridge
- Thixotropic properties with an ideal balance between stability and fluidity
- High stability for safe transfer of models to an articulator
- Easy trimming and carving

Packages
- GC Exabite II NDS
  - 890014 Pack of 2 cartridges, 48 ml each & 6 mixing tips size L
  - 132488 Pack of 8 cartridges, 48 ml each & 24 mixing tips size L
- GC Exabite II NDS Accessories
  - 800006 Cartridge Dispenser

How to use
- Snap set: working time up to 45 sec.
- Setting time only 45 sec.
GC Tissue Conditioner

**Characteristics & Benefits**
- Perfect consistency and flow makes it easy to apply
- Only 5 min. seating time in the mouth
- Unique patented formulation and special coating protects against deterioration and smell over time
- Excellent surface smoothness for incredible healing ability and hygiene
- Long lasting softness, capable of adapting its shape as the mucosa changes over time
- Easy to add new material to it over and over again

**Indications**
- Tissue conditioning
- Soft relining
- Functional impressions
- Immediate dentures
- Direct implant loading technique

**Packages**

<table>
<thead>
<tr>
<th>GC Tissue Conditioner</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>002894 Intro Pack, 1-1 Pack Live Pink</td>
<td></td>
</tr>
<tr>
<td>002895 Intro Pack, 1-1 Pack White</td>
<td></td>
</tr>
<tr>
<td>Refill</td>
<td></td>
</tr>
<tr>
<td>002897 Live Pink, 90 g powder</td>
<td></td>
</tr>
<tr>
<td>002896 White, 90 g powder</td>
<td></td>
</tr>
<tr>
<td>002892 Refill, Liquid 101 ml</td>
<td></td>
</tr>
<tr>
<td>002893 Coating Agent, 15 ml</td>
<td></td>
</tr>
</tbody>
</table>

GC Tissue Conditioner is a true next-generation, state-of-the-art acrylic soft relining material, patented by GC. GC Tissue Conditioner is a great choice when you need an alternative that stays soft and clean for a long time. Use GC Tissue Conditioner for tissue conditioning, soft relining and functional impressions.

GC Reline

**Characteristics & Benefits**
- Chairside use for simple and direct application
- MMA-free, thus no chemical irritation of oral tissue
- Minimal heat generation and pleasant odour
- Final finishing only 5 min 30 after start of mixing

**Note**
In case of undercuts, denture can be removed. When the material reaches a rubbery state, trim excess and reseat denture in the mouth for final setting.

**Packages**

<table>
<thead>
<tr>
<th>GC Reline</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>346000 Intro Pack, Standard Package P/L</td>
<td></td>
</tr>
<tr>
<td>346001 Intro Pack, Standard Package P/L Bonding Agent &amp; accessories</td>
<td></td>
</tr>
<tr>
<td>Refill</td>
<td></td>
</tr>
<tr>
<td>346002 80 g powder</td>
<td></td>
</tr>
<tr>
<td>346191 50 ml liquid</td>
<td></td>
</tr>
<tr>
<td>346099 Bonding Agent, 12 ml (12g)</td>
<td></td>
</tr>
</tbody>
</table>

Soft Acrylic Tissue Conditioning and Relining Material

GC Tissue Conditioner is a true next-generation, state-of-the-art acrylic soft relining material, patented by GC. GC Tissue Conditioner is a great choice when you need an alternative that stays soft and clean for a long time. Use GC Tissue Conditioner for tissue conditioning, soft relining and functional impressions.

Hard Chairside Relining Material

Chairside MMA-free resin for durable long-term relining of full and partial dentures.
Prosthetic dentistry for the dentist

**GC Reline Extra Soft**

**Extra Soft Silicone Relining Material**
Tissue toning material based on A-silicone to overcome pressure point problems frequently seen with edentulous patients.

**Characteristics & Benefits**
- Long-lasting elasticity, dimensionally stable
- Good flow under pressure
- Cartridge delivery for a simple and direct application
- No temperature increase, no smell

---

**GC Reline Soft**

**Soft Silicone Relining Material**
A-Silicone for long-lasting relining of dentures, especially in cases where supportive tissue material is missing.

**Characteristics & Benefits**
- Cartridge delivery system offering simple, direct application
- Excellent shock absorber that remains elastic over time
- Silicone, therefore no temperature increase, no smell
- Good flow under pressure

---

**GC Coe-Pak (Automix)**

**Characteristics & Benefits**
- Cartridge or handmix delivery
- Easily mouldable
- Elastic consistency
- Patient friendly
- Supports process of healing
- Eugenol-free, so compatible with resins
- Does not stick to gloves

---

**Periodontal Dressing**

Two-component material for wound dressing, to cover stitches or to stabilise loose teeth.

---

**Packages**

**GC Reline Extra Soft**

<table>
<thead>
<tr>
<th>Refill</th>
<th>000600</th>
<th>56 g (48 ml) cartridge, 6 Mixing tips II size L (blue), Primer R 12 g (13 ml), Point for trimming, Wheel for finishing, Modifier A &amp; B 10 g (9 ml) each &amp; accessories</th>
</tr>
</thead>
</table>

**Refill**

| 000601 | 56 g (48 ml) cartridge |
| 000602 | Primer R, 12 g (13 ml) liquid |
| 000603 | Modifier, 1-1 Pack, A+B 10 g (9 ml) each, mixing pad & sponge |

**GC Reline Extra Soft Accessories**

| 800006 | Cartridge Dispenser |

**GC Reline Soft**

<table>
<thead>
<tr>
<th>Refill</th>
<th>000598</th>
<th>62 g (48 ml) cartridge, 6 mixing tips II size L (blue), Primer R 12 g (13 ml), Point for trimming, Wheel for finishing, Modifier A &amp; B 10 g (9 ml) each &amp; accessories</th>
</tr>
</thead>
</table>

**Refill**

| 000599 | 62 g (48 ml) cartridge |
| 000602 | Primer R, 12 g (13 ml) liquid |
| 000603 | Modifier, 1-1 Pack, A+B 10 g (9 ml) each, mixing pad & sponge |
| 001526 | Point for trimming |

**GC Reline Soft Accessories**

| 800006 | Cartridge Dispenser |

**GC Coe-Pak Automix NDS**

| 135003 | 2 cartridges, 50 ml each & 12 mixing tip |

**GC Coe-Pak Automix NDS Accessories**

| 800006 | Cartridge Dispenser |

**GC Coe-Pak (90 g base & 90 g catalyst)**

| 135801 | Regular Set |
| 135301 | Hard and Fast Set |
THE RIGHT PRODUCTS FOR YOUR PROSTHETIC PROCEDURES...

The first step of most prosthetic work is the creation of a high quality working model. GC is proud to offer one of the most popular Type 4 dental die stones in Europe, GC Fujirock EP. This superior quality Type 4 stone is ideal for all kinds of prosthetics, with high precision, outstanding edge hardness and high pressure stability. The same high quality standard can be enjoyed with the non-reflective GC Fujirock EP OptiXscan for all modern scanning systems. For bases with non-reflective and high pressure stability. The same high precision, outstanding edge hardness and high pressure stability. We offer you the free flowing GC Fujirock EP OptiFlow. Modeling is often the next step and here GC Pattern Resin is the product of choice. GC Pattern Resin is the proven resin for making all types of custom attachments, fixations, implant abutments or resin dies for electroforming technique. GC is known for its competence in the production of phosphate-bonded investments for crowns and bridges. With the new GC Fujivest Platinum II and GC Fujiwest Premium, GC has reached another milestone in the casting of crowns and bridges. GC Fujiwest Platinum II is created for precious, semi-precious and palladium based alloys. GC Fujiwest Premium is the material of choice for getting the highest precision with non-precious metal alloys. Furthermore we offer the renowned GC Fujiwest Super, for precision castings of precious, semi-precious and Pd-base alloys, with special attention to complicated implant castings. GC Fujiwest II is available for precision crown and bridge castings of all dental alloys, including Ni-Cr and Co-Cr and finally GC Stellavest, specially developed to fulfil the all-day-by-day requirements of a casting investment and the suitability for use with non-precious dental alloys.

GC also offers a number of dedicated investments for the metal free approach. GC MultiPressVest is specifically adapted to multiple press ceramic techniques offered within the GC Initial PC pressable system and the GC Initial IQ systems. GC Cosmotech VEST is a phosphate-bonded refractory die material for all-ceramic restorations such as veneers, inlays or onlays. GC G-Cera ORBIT VEST offers a controllable expansion, making it suitable for the direct layering of ceramic materials, not only for the manufacture of inlays, onlays, and veneers, but also for crowns. The GC Initial Ceramic System offers new perspectives for all ceramic indications. Whether you use GC Initial MC in the standard temperature range, GC Initial LF with the low-fusing technique or go all the way with GC Initial Ti for titanium indications, you can’t go wrong! The benefits of Initial translate into simple handling, systematic and straightforward components and materials enhanced by optimised processing - all of which produce consistently superb aesthetics and optimal cost effectiveness. For a superior result GC brings in addition a ceramic bonder for titanium frame structures. To improve the compatibility with as many alloys, we have a bonder that is used as a buffer between the alloy and the ceramic. It blocks escaping metal oxides and neutralises differences in the expansion coefficient.

The GC Initial Ceramic System also opens up new horizons for full ceramic restorations. Whether you work with classic aluminium oxide or follow the new zirconium trend, Initial always offers you optimal, reliable and cost effective solutions. With GC Initial Zr-FS and Initial AL we are setting new standards for the full ceramic future.

In order to achieve the same quality and reproducibility of aesthetic results, we proudly present you our GC Initial IQ systems for metal and zirconium. Whether you choose the Layering or the Press approach, you will be able to reproduce the same aesthetic results again and again with fewer materials. The magic lies in the GC Initial IQ Lustre Pastes NF, the 3-dimensional ceramic stains that bring vitality and a natural glaze to your restorations.

The light-curing GC GRADIA is our well established high-strength micro-hybrid composite system with unsurpassed durability, natural opalescence and excellent lifelike aesthetics. Completed with GC GRADIA gum shades, you can create a lifelike natural appearance of tooth shades and natural gingiva.

To achieve optimal bonding between various dental materials we offer 3 types of primers. GC Metal Primer II is the adhesive of choice for bonding dental acrylics and composites to various alloys. GC Composite Primer rebuilds the inhibition layer for safe bonding between composite/composite and is simply applied with a brush. For safe bonding of laboratory resins, composites and acrylics to ceramic surfaces we advise you to use our GC Ceramic Primer. These three primers can be used as well to repair fractures restorations or to improve the adhesion of resin adhesive cements.
# Prosthetic Dentistry for the Technician

## Prosthetic Dentistry for the Technician

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<td>GC Initial INmetalbond</td>
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<td>GC Initial PC &amp; LF</td>
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<td>GC Initial Lustre Pastes NF</td>
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<td>GC Initial IQ Press over Metal &amp; Zircon</td>
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<td>GC GRADIA gum shades</td>
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<td>GC Stick &amp; StickNET</td>
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<td>GC Metalprimer II</td>
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<td>GC Ceramic Primer</td>
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<td>93</td>
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<tr>
<td>GC Composite Primer</td>
<td></td>
<td>93</td>
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<td>GC Labolight LV-III</td>
<td></td>
<td>94</td>
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<tr>
<td>GC STEPLIGHT SL-I</td>
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<td>94</td>
</tr>
</tbody>
</table>
GC Fujirock® EP

Type 4 Dental Stone

One of the world’s most popular dental die stones, GC Fujirock EP, is available in 4 colours to meet all requirements of a working model for aesthetic and high quality prosthetic works. The superior quality type 4 stone is ideal for all kinds of prosthetics, with high precision, outstanding edge hardness and high-pressure stability.

CHARACTERISTICS & BENEFITS

• Excellent physical properties
• Short mixing time (about 1 min.)
• Extended working time (over 8 min.)
• Short setting time (only 12 min.)
• Removable from cast after just 30 min.

• Highly fluid thixotropic properties allowing precise detail reproduction
• Low expansion (less than 0.08%)
• Immediate stability for a perfect fit with the prosthesis

PACKAGES

<table>
<thead>
<tr>
<th>GC Fujirock EP</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>890222</td>
<td>Golden Brown, 5 kg</td>
</tr>
<tr>
<td>890223</td>
<td>Pastel Yellow, 5 kg</td>
</tr>
<tr>
<td>890224</td>
<td>Polar White, 5 kg</td>
</tr>
<tr>
<td>890225</td>
<td>Topaz Beige, 5 kg</td>
</tr>
<tr>
<td>890226</td>
<td>Golden Brown, 12 kg</td>
</tr>
<tr>
<td>890227</td>
<td>Pastel Yellow, 12 kg</td>
</tr>
</tbody>
</table>
**Type 4 Flowable Stone for Basing Dentate Arches**

Thin flowing Type 4 Dental Stone for basing GC Fujirock EP arches. The 3 colours – Terracotta Red, Peppermint Green and Sapphire Blue – meet the requirements for the individualised and aesthetic construction of master models. An optimal combination is achieved in conjunction with the three colours of GC Fujirock EP.

**GC Fujirock OptiFlow**

**CHARACTERISTICS & BENEFITS**
- Water-like flow for basing arches without air bubbles
- Stable & low expansion for a perfect match with GC Fujirock EP & GC Fujirock EP OptiXscan

**HOW TO USE**
With only 20 ml of water, a high fluid consistency is obtained. Colours - Terracotta Red, Peppermint Green, Sapphire Blue.

** PACKAGES**
<table>
<thead>
<tr>
<th>GC Fujirock OptiFlow (12 kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>900408 Terracotta Red</td>
</tr>
<tr>
<td>900409 Peppermint Green</td>
</tr>
<tr>
<td>900410 Sapphire Blue</td>
</tr>
</tbody>
</table>

**Type 4 Scannable Die Stone**

With CAD/CAM & implant technologies gaining increasing importance, GC has developed a special type 4 stone. Thanks to its specially adapted powder composition, GC Fujirock EP OptiXscan is compatible with all existing scanning devices.

**GC Fujirock OptiXscan**

**CHARACTERISTICS & BENEFITS**
- Compatible with existing scan devices (laser, optical)
- Adaptable working time and short setting time for fast processing
- Variable mixing ratio without difference in physical properties
- Low expansion for highest precision
- Smooth surface
- Highly resistant to abrasion

**HOW TO USE**
- 20 ml for a short setting time (models ready in just 20 min.).
- 21 ml for pouring more models
- Colour - Inca Brown.

** PACKAGES**
<table>
<thead>
<tr>
<th>GC Fujirock OptiXscan</th>
</tr>
</thead>
<tbody>
<tr>
<td>900492 Inca Brown, 5 kg</td>
</tr>
</tbody>
</table>

---

**Prosthetic dentistry for the technician**

2013 - 2014
**GC Pattern Resin LS**

**Characteristics & Benefits**
- Minimal shrinkage and easy-to-trim for perfect adaptation and reproduction
- High hardness and strength
- High stability even for thin layers
- Burns out without residue resulting in very clean casting surfaces

**How to Use**
GC Pattern Resin LS is specially developed for the brush technique.

**Packages**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>335201</td>
<td>1:1 Pack (100 g powder, 105 ml liquid, 2 mixing cups, 1 brush N°4 &amp; 1 pipette)</td>
</tr>
<tr>
<td>335202</td>
<td>100 g powder</td>
</tr>
<tr>
<td>335204</td>
<td>1 kg powder</td>
</tr>
<tr>
<td>335203</td>
<td>105 ml liquid</td>
</tr>
<tr>
<td>335205</td>
<td>262 ml liquid</td>
</tr>
<tr>
<td>001416</td>
<td>Brushes N°4, 10 pcs</td>
</tr>
</tbody>
</table>

**Characteristics & Benefits**

- Excellent plasticity
- High modelling ability, low shrinkage
- Burns out without residues
- Smooth castings

**Low Shrinkage Modelling Resin**
The proven modelling resin for making all types of custom attachments, fixations, implant abutments or resin dies for electroforming technique.

**GC Inlay Wax SOFT, MEDIUM & HARD**

**Characteristics & Benefits**

- Excellent plasticity
- High modelling ability, low shrinkage
- Burns out without residues
- Smooth castings

**Dental Inlay Casting Wax**
Modelling wax for all kinds of restorations with excellent plasticity and low deformation during removal from the model.

**Packages**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOFT</td>
<td></td>
</tr>
<tr>
<td>001157</td>
<td>60 sticks (Violet)</td>
</tr>
<tr>
<td>001159</td>
<td>60 sticks (Grey)</td>
</tr>
<tr>
<td>001154</td>
<td>40 g tin (Violet)</td>
</tr>
<tr>
<td>001156</td>
<td>40 g tin (Grey)</td>
</tr>
<tr>
<td>MEDIUM</td>
<td></td>
</tr>
<tr>
<td>001086</td>
<td>60 sticks (Grey)</td>
</tr>
<tr>
<td>001084</td>
<td>60 sticks (Green)</td>
</tr>
<tr>
<td>001083</td>
<td>40 g tin (Grey)</td>
</tr>
<tr>
<td>001081</td>
<td>40 g tin (Green)</td>
</tr>
<tr>
<td>HARD</td>
<td></td>
</tr>
<tr>
<td>001162</td>
<td>40 g tin (Grey)</td>
</tr>
<tr>
<td>001160</td>
<td>40 g tin (Green)</td>
</tr>
</tbody>
</table>

**GC Ostron**

**Characteristics & Benefits**

- Time-saving
- Excellent adaptability, but does not stick
- Ample working time
- Smooth shiny surface and high dimensional stability
- Easy to trim

**Self-Curing Resin For Custom Trays**
Acrylic resin for manufacturing custom trays, base plates and bite-registration.

**Packages**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>000615</td>
<td>Blue-Transparent, 1 kg powder</td>
</tr>
<tr>
<td>000605</td>
<td>Clear (Pink-Transparent), 1 kg powder</td>
</tr>
<tr>
<td>000354</td>
<td>250 ml liquid</td>
</tr>
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</table>
Perfect controllability and high accuracy of fit – these are the most important requirements for a modern high precision casting investment material. With GC Fujivest Platinum II, GC Europe has set another milestone for all precious, semi-precious and palladium based alloys in the crown and bridge technique. The impressive features of this carbon free C&B precision investment include comfortable working properties and perfect expansion control – for both quick heating & step heating procedures.

GC FUJIVEST PREMIUM
Controlled expansion for highest precision, especially with non-precious metal alloys. Whether heated up quickly or conventionally, with or without a casting ring, GC Fujivest Premium meets all the expectations of a modern multipurpose investment material. This carbon-free and phosphate-bonded C&B material has a broad range of indications, yet produces consistently precise casting results. Thus GC Fujivest Premium is ideally suited for all prosthetic work and alloys, especially for nickel chromium and cobalt chromium. Thanks to its fine grained powder texture, dental technicians are able to choose between the fast and the programme controlled heat-up method – with reliable expansion control.

With these investments, GC Europe once again confirms its competence in the production of phosphate-bonded investments for crowns and bridges. Fujivest Platinum II and Premium are adapted to the demands of the modern C&B-casting market in Europe.
Carbon-Free Phosphate-Bonded Investment

Exact solutions for the highest demands: the new GC Fujivest Platinum II. Investment material specifically designed for precious and semi-precious alloys. With its long comfortable working time and improved fluidity, investing complicated cases has become easier than ever before. With an increased expansion range, this top of class material has become even more versatile. The extremely smooth surface of GC Fujivest Platinum II will produce highly precise castings at any time. This top quality investment can be used in both quick heating & step heating procedures.

CHARACTERISTICS & BENEFITS

- Specially developed for high-precision castings of precious, semi-precious and Pd base alloys
- Quick-heating or step heating
- Enables a perfect fit, even in implant suprastructures and long-span bridges
- Easy to steer with an extended expansion range
- Longer working time, better fluidity
- Very easy to devest with reduced risk of damaging casted objects
- Smooth surfaces – putting every fine detail in the spotlight

HOW TO USE

Precision casting investment for both quick-heating and conventional step heating processes. For precious, semi-precious and Pd base alloys.

PACKAGES

<table>
<thead>
<tr>
<th>GC Fujivest Platinum II</th>
<th>900671</th>
<th>6 kg powder (100 x 60 g bags)</th>
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<tbody>
<tr>
<td></td>
<td>900672</td>
<td>6 kg powder (67 x 90 g bags)</td>
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<tr>
<td></td>
<td>900673</td>
<td>6 kg powder (40 x 150 g bags)</td>
</tr>
<tr>
<td></td>
<td>900676</td>
<td>900 ml liquid</td>
</tr>
</tbody>
</table>

Prosthetic dentistry for the technician
GC Fujivest® Premium

Carbon-Free Phosphate-Bonded Investment

Exact solutions for flexible needs: GC Fujivest Premium. Crown & bridge casting investment, suitable for all types of dental alloys with special attention to non-precious alloys. Whether heated up quickly or conventionally, with or without a casting ring, the reliable expansion control of GC Fujivest Premium produces consistently precise casting results.

Characteristics & benefits

• Offers a wide expansion range of up to 3.5% – implant suprastructures with non-precious alloys are now safe and straightforward
• Accommodates ringless techniques in both quick and slow-heating procedures
• Highly accurate fit due to easy liquid solution for optimal expansion control
• High fluidity and smooth consistency
• Robust investment but easy devesting

How to use

For use in both quick and step-heating procedures. Suitable for all dental alloys with special attention to non precious alloys.

Packages

<table>
<thead>
<tr>
<th>GC Fujivest Premium</th>
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<tr>
<td>890182</td>
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<tr>
<td>890183</td>
</tr>
<tr>
<td>890184</td>
</tr>
<tr>
<td>890186</td>
</tr>
</tbody>
</table>
**GC Fujivest® Super**

**Characteristics & Benefits**
- Carbon-free
- Ringless techniques possible in both quick and slow heating-up schedules
- High fluidity and high wettability
- Smooth surface
- Controlled setting and thermal expansion
- Special low expansion liquid

**How to use**
High accuracy for precious and semiprecious alloys, even for long span restorations. Please ask for special instructions for use on Implantology techniques.

**Packages**

<table>
<thead>
<tr>
<th>Package Code</th>
<th>Description</th>
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<tr>
<td>800016</td>
<td>6 kg powder (100 x 60 g bags)</td>
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<tr>
<td>800019</td>
<td>6 kg powder (67 x 90 g bags)</td>
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<td>800026</td>
<td>6 kg powder (87 x 90 g bags)</td>
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<tr>
<td>800025</td>
<td>900 ml liquid</td>
</tr>
<tr>
<td>800029</td>
<td>High Expansion, 900 ml liquid</td>
</tr>
</tbody>
</table>

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**GC Fujivest® II**

**Characteristics & Benefits**
- Quick heat method
- Total expansion up to 2.34% - special high expansion liquid available
- Creamy consistency with high fluidity and high wettability for an excellent reproduction of details
- Controlled setting and thermal expansion offering high precision fit
- Easy devesting
- Precise depiction, giving exact surface reproduction and precise castings

**How to use**
For use in both quick and slow heating methods. Perfect castings for non-precious alloys.

**Packages**

<table>
<thead>
<tr>
<th>Package Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>800016</td>
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<td>900 ml liquid</td>
</tr>
<tr>
<td>800029</td>
<td>High Expansion, 900 ml liquid</td>
</tr>
</tbody>
</table>
Carbon-Free Phosphate-Bonded Investment

Specially developed to fulfil all day-by-day requirements of a casting investment and the suitability for use with non-precious dental alloys.

Characteristics & benefits
- Carbon-free
- Quick heat method
- Wide range of expansion (up to 3%) for all alloys including Co-Cr
- Ring or ringless techniques
- High precision with smooth surfaces
- Very robust, yet easy to devest
- Economic

How to use
For use in both quick and slow heating methods. With special attention to the ringless technique with quick heating procedures.

GC Stellavest®

Carbon-Containing Phosphate-Bonded Investment

A universal, carbon-containing investment for crown and bridge work, suitable for all alloys except Pd-base alloys.

Characteristics & benefits
- Carbon-containing
- For step-heating
- Total expansion up to 3.26%
- High fluidity for very smooth gold castings
- Especially for telescopic and combination castings
- Easy devesting
- Reduces solder work in wide spanned prosthetic work

Characteristics & benefits
- Carbon-free
- Quick heat method
- Wide range of expansion (up to 3%) for all alloys including Co-Cr
- Ring or ringless techniques
- High precision with smooth surfaces
- Very robust, yet easy to devest
- Economic

How to use
For use in both quick and slow heating methods. With special attention to the ringless technique with quick heating procedures.

GC Vest®-G

Casting Ring Liner

Liner For Casting Alloys

Ceramic and asbestos fibre-free liner to allow total expansion for investments

Characteristics & benefits
- Special asbestos-free and ceramic-fibre composition
- Bio degradable
- Does not burn at high temperature
- 1 mm thickness creates a perfect buffer
- Good adaptation to the casting rings
- Precise casting, prevents cracks

How to use
Special adapted to step-heating-up system.

Characteristics & benefits
- Carbon-containing
- For step-heating
- Total expansion up to 3.26%
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- Especially for telescopic and combination castings
- Easy devesting
- Reduces solder work in wide spanned prosthetic work

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How to use
For use in both quick and slow heating methods. With special attention to the ringless technique with quick heating procedures.

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- High precision with smooth surfaces
- Very robust, yet easy to devest
- Economic

How to use
For use in both quick and slow heating methods. With special attention to the ringless technique with quick heating procedures.
**Prosthetic dentistry for the technician**

**GC MultiPressVest®**

Carbon-Free Phosphate Bonded Investment For Pressable Ceramics

Investment specifically adapted to multiple press ceramic techniques offered within the GC Initial PC and the GC Initial IQ systems.

**Characteristics & Benefits**
- Fine-grained phosphate bonded investment produces smooth and detailed pressings
- Creamy consistency ensures easy and accurate investing
- High thermal stability makes it suitable for the quick-heating as well as the conventional heat-up technique, specially developed for multiple press ceramic techniques like
- All ceramic press techniques with Initial

### Packages

<table>
<thead>
<tr>
<th>GC MultiPressVest</th>
<th>800243</th>
<th>6 kg powder (60 x 100 g bags)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>800244</td>
<td>900 ml liquid</td>
</tr>
</tbody>
</table>

**GC Cosmotech VEST**

Refractory Die Material

Phosphate-bonded refractory die material for all-ceramic restorations such as veneers, inlays or onlays.

**Characteristics & Benefits**
- Expansion behaviour specifically matched to ceramics
- Excellent fit to all ceramic restorations
- Smooth surface
- Excellent hardness and marginal strength preventing cracks
- High multiple firing resistance for precise firing results
- Easy to devest

### Packages

<table>
<thead>
<tr>
<th>GC Cosmotech VEST</th>
<th>001147</th>
<th>990 g powder (30 x 33 g bags)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>001150</td>
<td>200 ml liquid</td>
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</tbody>
</table>

**GC G-Cera ORBIT VEST**

Refractory Die Material

Phosphate-bonded refractory die material for the direct layering of ceramic materials for the manufacture of inlays, onlays, crowns and veneers.

**Characteristics & Benefits**
- Controllable expansion by mixing of 2 powders
- Good wettability
- High stability
- Smooth surface and easy to remove
- Additional heating procedure possible
- Suitable for almost all ceramic materials with precise firing results

### Packages

<table>
<thead>
<tr>
<th>GC G-Cera ORBIT VEST</th>
<th>800035</th>
<th>For Crowns/Veneers, 990 g powder (30 x 33 bags)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>800036</td>
<td>For Inlays, 990 g powder (30 x 33 bags)</td>
</tr>
<tr>
<td></td>
<td>800037</td>
<td>200 ml liquid</td>
</tr>
</tbody>
</table>
Prosthetic dentistry for the technician

GC Initial

The All-Round Ceramic System For Each And Every Indication

After 10 years on the market the GC Initial range of ceramics can probably be called one of the most versatile systems adapted to all types of sub-structures used in today’s modern dental laboratories. With Initial from GC each and every dental technician will be able to formulate an answer to every aesthetic challenge, regardless of the type of framework, build-up procedure or economic aspect.

---

**GC INITIAL MC FOR METAL ALLOY FRAMEWORKS**

Ceramic for metal alloy with a normal expanding CTE whether containing silver, a high or reduced gold content or palladium. Also for NPA (Non-precious Alloy) and electroforming copings. Use the sintering technique to create inlays, onlays and veneers on refractory dies.

---

**GC INITIAL AL FOR ALUMINIUM OXIDE FRAMEWORKS**

Ceramic with colour properties adapted for use on aluminium oxide frameworks, allowing perfect and homogeneous build-up of the final restoration.

---

**GC INITIAL LF FOR LOW-FUSING TECHNIQUES**

Synthetic ceramic for low temperature firing on alloys with a CTE compatible with those for GC Initial MC. Use to correct restorations made with GC Initial MC or as a build-up material on GC Initial PC copings.

---

**GC INITIAL TI FOR TITANIUM FRAMEWORKS**

Ceramic for creating restorations which are highly aesthetic and biocompatible. To bond the ceramic securely to the framework use GC Initial Titanium Bonder.

---

**GC INITIAL ZR FOR ZIRCONIUM OXIDE FRAMEWORKS**

Ceramic for use on the high strength zirconium oxide framework, which is ideal for the fabrication of delicate substructures such as bridges.

---

**GC INITIAL PC FOR PRESSABLE TECHNIQUES**

Ceramic for pressing whether layering or staining is preferred. For layering use GC Initial LF.

---

**GC INITIAL IQ**

One body build-up or press ceramic that allows full concentration on function and form. The aesthetics are added in the final stage by means of the 3D effect Lustre Pastes NF.
GC Initial MC

The Ultimate Metal Ceramic System

The GC Initial MC ceramic system offers new perspectives for metal ceramic indications. The feldspar portion and the excellent light-optical properties of this ceramic releases an enormously high aesthetic potential, regardless whether you work with standard layering techniques for ease and quickness or with life-like layering techniques for the highest aesthetic demands. The CTE is adapted to all conventional alloy types, irrespective of whether they contain silver, have a reduced gold content or are palladium-based. Even NEM and galvano crowns can be easily used for veneering with ceramic. With Initial MC you do not need to worry about shrinkage during the firing process, even with high gold content alloys.

Characteristics & Benefits

- Optimised shrinkage properties and good polishability
- Perfectly adapted to all conventional alloys
- GC Initial MC is fired below 930°C
- Effect materials for all the different staining and layering techniques
- Both powder and paste opaques are available
- Perfectly coordinated components including bleach and gum shades
- Cross-system logic for all materials and shade matching
- Simple handling and short learning curve
- Quick, aesthetic and economical results

Note

For details regarding set composition and refills, please refer to individual leaflets or item lists on our website: [http://www.gceurope.com](http://www.gceurope.com)

Packages

<table>
<thead>
<tr>
<th>GC Initial MC</th>
<th>877001 Basic Set with Paste Opaque</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>877045 Basic Set with Powder Opaque</td>
</tr>
<tr>
<td></td>
<td>877002 Basic Plus Set with Paste Opaque</td>
</tr>
<tr>
<td></td>
<td>877046 Basic Plus Set with Powder Opaque</td>
</tr>
<tr>
<td></td>
<td>877003 Advanced Set</td>
</tr>
<tr>
<td></td>
<td>877048 Entrance Kit (Powder Opaque)</td>
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<tr>
<td></td>
<td>877004 Paste Opaque</td>
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<td></td>
<td>877065 Bleach Set</td>
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<tr>
<td></td>
<td>877071 Gum Shades Set with Paste Opaque</td>
</tr>
<tr>
<td></td>
<td>877070 Gum Shades Set with Powder Opaque</td>
</tr>
<tr>
<td>GC Initial Stain Set</td>
<td>877016 Stain Set (Neutral/Neutral MC, LF, PC)</td>
</tr>
</tbody>
</table>
GC Initial MC Classic Line

Characteristics & Benefits

- Aesthetic results in the classical 3 layer technique
- Easy & fast application combined with a short learning curve facilitate and economical way of working
- Good stability, reduced shrinkage
- Modular system: evolve from the 3 layer techniques in steps towards an individual multi layer approach
- Can be combined with the Lustre Pastes NF and all other Initial MC system components

Packages

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>877081</td>
<td>GC Initial MC Classic Line Work Set 1 Contains all necessary materials for the 3 layer technique in the most common Vita shades: A1, A2, A3, A3.5, B2, B3, C3, D3, BLD-2</td>
</tr>
<tr>
<td>877084</td>
<td>GC Initial MC Classic Line Work Set Complementary to Work Set 1 to be able to produce following shades: A4, B1, B4, C1, C4, D2, D4, BLD-3</td>
</tr>
<tr>
<td>877082</td>
<td>GC Initial MC Classic Line Welcome Set contains all materials to produce a Vita A3 shade.</td>
</tr>
<tr>
<td>877083</td>
<td>GC Initial MC Paste Opaque CL Set Contains: 1x A1, A2, A3, A3.5, A4, B1, B2, B3, C1, C2, C3, C4, D2, D3 and D4</td>
</tr>
</tbody>
</table>

New addition to the GC Initial MC portfolio

The GC Initial MC Classic Line represents a group of products specifically adapted to the 3 layer build-up technique. In an efficient and economical way you will be able to perfectly reproduce the well-known Vita colours. The corresponding new Paste Opaques have been optimized for this system. Thanks to the higher chroma they offer the ideal base, especially on non-precious alloys.

To allow you to achieve optimal results with our range of ceramics, we have developed for you a unique tool that will guide you in a 3D presentation through the different application steps of Initial. Before you start you can select from a wide range of parameters:

- your preferred layering technique: 2-layer, 3-layer or 4-layer
- your preferred shade system: Vita Classical or Vita 3D Master
- your preferred firing: single step or multi step
- your preferred type of opaque: powder or paste
- your preferred type of alloy: precious or non-precious

The GC Initial Layering Guides will guide you in easy to understand way through the process of building up the various layers of the restoration. During the step-by-step you can at any times turn the restoration to get a perfect view on how to build-up the different powders. The images can be changed into standard view, transparent view or outline view for optimal visualisation. Furthermore you will find the prefect firing instructions, the corresponding shade guide and many more features that you help you to get the maximum out of the Initial ceramics.

The GC Initial Layering Guides are available - free of charge - for iPhone & iPad at the Apple App Store.

IMPROVE YOUR LAYERING SKILLS WITH THE GC INITIAL LAYERING GUIDES APP
Specialized Metal Ceramic System

The GC Initial Ceramic System also offers perspectives for special metal ceramic indications. GC Initial LF has been designed for the low-fusing technique whereas GC Initial Ti is always indicated in situations where high demands are placed on biocompatibility and the most superior aesthetics are expected. Fully aligned with the other ceramics of the range, the benefits of these specialized metal ceramics translate into simple handling, systematic and straightforward components and materials enhanced by optimised processing – all of which produce consistently superb aesthetics and optimal cost-effectiveness.

CHARACTERISTICS & BENEFITS

• Optimised shrinkage properties and good polishability
• Effect materials for all the different staining and layering techniques
• Perfectly coordinated components including bleach shades
• Cross-system logic for all materials and shade matching
• Simple handling and short learning curve
• Quick, aesthetic and economical results

GC Initial LF

• Synthetic ceramic with a firing temperature of 770°C
• Coefficient of thermal expansion (CTE) of 11.6x10-6 K-1 (25°-500° C) - suitable for ceramic-metal alloys with a standardized CTE, for NEM, high- and reduced-content gold alloys, but also for galvano or palladium-based alloys (with a silver content < 20 %).
• Superb polishability
• Excellent low-shrinkage properties

GC Initial Ti

• Coefficient of thermal expansion is 8.6x10-6 K-1 (25°-500° C) – adapted to titanium base materials
• Optimal bonding to titanium structures
• Firing temperature 780°C

NOTE

For details regarding set composition and refills please refer to individual leaflets or item lists on our website:
http://www.gceurope.com

PACKAGES

<table>
<thead>
<tr>
<th>GC Initial LF</th>
<th>877005</th>
<th>Basic Set</th>
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<tbody>
<tr>
<td></td>
<td>877006</td>
<td>Basic Plus Set</td>
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<tr>
<td></td>
<td>877007</td>
<td>Advanced Set</td>
</tr>
<tr>
<td></td>
<td>877066</td>
<td>Bleach Set</td>
</tr>
<tr>
<td>GC Initial Ti</td>
<td>877013</td>
<td>Basic Set</td>
</tr>
<tr>
<td></td>
<td>877014</td>
<td>Basic Plus Set</td>
</tr>
<tr>
<td></td>
<td>877015</td>
<td>Advanced Set</td>
</tr>
<tr>
<td></td>
<td>877069</td>
<td>Bleach Set</td>
</tr>
<tr>
<td>GC Initial Stain Set</td>
<td>877016</td>
<td>Stain Set I/Nivio/I/Nivio MC, LF, PC</td>
</tr>
<tr>
<td></td>
<td>877017</td>
<td>Stain Set I/Nivio/I/Nivio AL , Zr, Ti</td>
</tr>
</tbody>
</table>
Prosthetic dentistry for the technician

**GC Initial Ti Bonder**

Ceramic Bonder For Titanium Frame Structures

GC Initial Ti Bonder secures optimal bonding between titanium frame structures and GC Initial Ti porcelain.

**Characteristics & Benefits**
- Easy to apply and short working steps
- Easy to mix (powder and liquid)
- Suitable for all titanium metals – whether pure or alloyed, cast or milled
- Perfect match between the GC Initial Ti Bonder and GC Initial Ti Ceramic

**Packages**

<table>
<thead>
<tr>
<th>GC Initial Ti Bonder</th>
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</thead>
<tbody>
<tr>
<td>874027 Intro Kit (4 g powder, 25 ml liquid)</td>
</tr>
<tr>
<td>874025 4 g powder</td>
</tr>
<tr>
<td>874026 25 ml liquid</td>
</tr>
</tbody>
</table>

---

**GC Initial INmetalbond**

Buffer Between Initial Metal Ceramics And Dental Alloys

The bonder is used as an intermediate coat between the alloy and the ceramic. It blocks escaping metal oxides and neutralizes differences in the expansion coefficient.

**Characteristics & Benefits**
- Easy to apply
- Ready-to-use paste
- Neutralises differences in the expansion coefficient between Initial metal ceramics and dental alloys
- Improves and secures the chemical bond on various types of alloys
- Allows a wider span of CTE Compatibility

**Packages**

<table>
<thead>
<tr>
<th>GC Initial INmetalbond</th>
</tr>
</thead>
<tbody>
<tr>
<td>877050 8 g paste (2 x 4 g paste)</td>
</tr>
</tbody>
</table>

---

**GC Initial Connector Paste**

Fine Ceramic Paste For The Sinter Technique

The GC Initial MC/LF Connector Paste is used as an intermediate coat between the GC refractory die materials to ensure a perfect fit and optimal firing result for the ceramic sinter technique.

**Characteristics & Benefits**
- Ready-to-use paste
- Red colour for optimal application on refractory model before firing
- Perfect match with GC Initial MC and Initial LF

**Packages**

<table>
<thead>
<tr>
<th>GC Initial MC/LF Connector Paste</th>
</tr>
</thead>
<tbody>
<tr>
<td>877030 6 g paste</td>
</tr>
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</table>
GC Initial Zr-FS / GC Initial AL

Multi-Indication Full Ceramic System

The GC Initial Ceramic System opens up new horizons of multiple perspectives for full ceramic. Whether you work with classic aluminium oxide or follow the new zirconium trend, Initial always offers you optimal, reliable and cost effective solutions. Initial is setting new standards for the full ceramic future.

Note

The Zr Light Reflective Liners are ready-to-use liners designed for reliable shade masking of different coloured Zircon frameworks while maintaining the aesthetically relevant light effects. After conditioning the framework in this way, a standardised layering technique will lead to perfect shade results.

For details regarding set composition and refills, please refer to individual leaflets or item lists on our website: http://www.gceurope.com

Characteristics & benefits

- Precisely matched thermal expansion coefficients
- High wettability of framework structures, ensuring a secure bond
- Optimised shrinkage properties, highest firing stability
- Effect materials for all the different staining and layering techniques
- Highly fluorescent primary dentines for optimally natural and creative shading options
- Extremely efficient and economical
- Cross-system logic for all materials and shade matching
- Simple handling and short learning curve
- Quick, aesthetic and economical results

Packages

<table>
<thead>
<tr>
<th>GC Initial AL</th>
<th>877008 Basic Set</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>877009 Advanced Set</td>
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</tr>
<tr>
<td></td>
<td>877067 Bleach Set</td>
<td></td>
</tr>
<tr>
<td>GC Initial Zr-FS</td>
<td>877010 Basic Set</td>
<td></td>
</tr>
<tr>
<td></td>
<td>877011 Advanced Set</td>
<td></td>
</tr>
<tr>
<td></td>
<td>877068 Bleach Set</td>
<td></td>
</tr>
<tr>
<td>GC Initial Stain</td>
<td>877017 Stain Set</td>
<td></td>
</tr>
<tr>
<td>Set</td>
<td></td>
<td>GC Initial Stain Set</td>
</tr>
</tbody>
</table>
GC Initial PC / GC Initial LF

Characteristics & benefits
- All components have precisely matched thermal expansion coefficients
- High wettability of framework structures, ensuring a secure bond
- Optimised shrinkage properties, highest firing stability
- GC Initial PC and GC Initial LF offer a complete full ceramic system
- Effect materials for all the different staining and layering techniques
- Cross-system logic for all materials and shade matching
- Straightforward and identical concepts for the individual set components
- Simple handling and short learning curve
- Extremely efficient and economical

Note
For details regarding set composition and refills, please refer to individual leaflets or item lists on our website: http://www.gceurope.com
For more details about GC MultiPressVest, please see page 78.

Packages
<table>
<thead>
<tr>
<th>GC Initial PC</th>
<th>877018</th>
<th>Starter Package</th>
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<tbody>
<tr>
<td>GC Initial LF</td>
<td>877005</td>
<td>Basic Set</td>
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<tr>
<td></td>
<td>877006</td>
<td>Basic Plus Set</td>
</tr>
<tr>
<td></td>
<td>877007</td>
<td>Advanced Set</td>
</tr>
<tr>
<td></td>
<td>877066</td>
<td>Bleach Set</td>
</tr>
<tr>
<td>GC Initial Stain Set</td>
<td>877016</td>
<td>Stain Set InviVo/InviSu PC, LF, PC</td>
</tr>
</tbody>
</table>
GC Initial Gum & Bleach Shades

The All-Round Ceramic System For Each And Every Indication

“No white aesthetics without red aesthetics”. To make gingival restorations with Initial even more aesthetic and more natural, the add-on sets GC Initial MC and GC Initial Zr gum shades meet all the requirements for highly aesthetic gingival reproductions.

To extend this harmonised shading system and to follow the trend for very light tooth colours, GC offers the GC Initial Bleach Shades, a unique colour set that allows you to match even the lightest tooth shades whatever ceramic restoration system you use.

Characteristics & benefits

GC Initial Gum Shades
- Five nature analogue gingival shades
- Especially suited to indications in the areas of implant suprastructures, crown & bridgework techniques
- For soft tissue zones made of ceramic that need to be individually characterised to create a lifelike transition from the crown margin to the gingiva
- Individual steps can easily be divided between the different firings – depending on the indication and individual preference

GC Initial Bleach Shades
- Complementary to five Initial ceramic systems
- Highest aesthetics thanks to true-to-nature light dynamics
- Special shades beyond the conventional colour palette
- Different components can be added together to create increasingly aesthetic restorations

Packages

<table>
<thead>
<tr>
<th>GC Initial Gum shades</th>
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</tr>
</thead>
<tbody>
<tr>
<td>877070</td>
<td>GC Initial MC, Gum Shade Set (Powder Opaque)</td>
</tr>
<tr>
<td>877071</td>
<td>GC Initial MC, Gum Shade Set (Paste Opaque)</td>
</tr>
<tr>
<td>877072</td>
<td>GC Initial Zr, Gum Shade Set</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GC Initial Bleach shades</th>
<th></th>
</tr>
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<tbody>
<tr>
<td>877065</td>
<td>GC Initial MC, Bleach Set</td>
</tr>
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<td>877066</td>
<td>GC Initial LF, Bleach Set</td>
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<tr>
<td>877069</td>
<td>GC Initial Ti, Bleach Set</td>
</tr>
<tr>
<td>877068</td>
<td>GC Initial Zr, Bleach Set</td>
</tr>
<tr>
<td>877067</td>
<td>GC Initial AL, Bleach Set</td>
</tr>
</tbody>
</table>
GC Initial IQ - GC Lustre Pastes NF

3-Dimensional Ceramic Stains

The GC Initial IQ Lustre Pastes NF are 3-dimensional ceramic stains developed to bring colour depth and lifelike translucency to the GC Initial IQ Press and Layering systems, but also to all other ceramics in the GC Initial range. The “New Formula” GC Lustre Pastes are available in ready-to-use jars and are universal in use since they match to both “low” and “high” CTE ceramics. The GC Lustre Pastes NF are based on fine ceramic particles and can be applied in a thicker layer where they will exhibit unsurpassed vitality and give your restorations a natural glaze.

Characteristics & benefits

- Just one kit compatible with the complete GC Initial ceramic range (CTE - Range between 6.9 and 13.3)
- Available in a ready-to-use jar for a more convenient application
- Diluting and Refresh liquids to keep the optimal consistency until the end
- Improved pastes with a finer thixotropic property for easy and precise application

How to use

In addition to their application in the GC Initial IQ concepts, these GC Lustre Pastes NF also represent a modern alternative for conventional staining and glazing, as well as colour and surface texture corrections for all your GC Initial ceramic crowns and bridges.

Packages

<table>
<thead>
<tr>
<th>GC Initial IQ, Lustre Pastes NF</th>
<th>GC Initial IQ, GC Lustre Pastes NF Set</th>
<th>Refills</th>
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</thead>
<tbody>
<tr>
<td>877078</td>
<td>1x, 1 x Value, 4 x Body Shades, 8 x Enamel effect shades, Diluting Liquid, Refresh Liquid, 1 mixing dish, 2 brushes, Picture IFU</td>
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</tr>
<tr>
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<tr>
<td></td>
<td>Neutral, 4 g</td>
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<tr>
<td></td>
<td>Body A, 4 g</td>
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<tr>
<td></td>
<td>Aluminium box</td>
<td>877055</td>
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</tbody>
</table>
Layering-over-Metal and Layering-over-Zircon

Through the development of the GC Initial IQ Layering Concept, GC can offer a compact ceramic set for the fast and easy reproduction of standard Vita® shades. This system enables technicians to concentrate on the build-up and create vitality and a natural appearance with the GC Initial IQ Lustre Pastes NF in the final step. The GC Initial IQ approach demonstrates consistent quality and aesthetic results time and again with fewer materials.

**Characteristics & benefits**
- Layering-over-Metal is compatible with standard porcelain alloys
- Layering-over-Zircon is compatible with all Zr-based technologies
- Crown build-up with only one powder allows full attention to shaping and function
- Fast reproduction of standard Vita® colours following the ‘paint by numbers’ approach with GC Lustre Pastes NF
- No extra investments required
- Can be used as an excellent starter module for the GC Initial ceramic line

**GC Zr Light Reflective Liners**
These ready-to-use liners are designed for reliable shade masking of different coloured Zircon frameworks while maintaining the aesthetically relevant light effects. After conditioning the framework this way, a standardized layering technique will lead to perfect shade results. GC Zr Light Reflective Liners are part of the Layering Concept, but can also be used with conventional Zircon Ceramic, applying a multilayer technique (e.g. with GC Initial Zr FS) in order to provide the same great benefit in framework conditioning.

**Packages**

<table>
<thead>
<tr>
<th>GC Initial IQ Layering-over-Metal (L-O-M)</th>
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<tbody>
<tr>
<td>877077 Layering-Over-Metal set</td>
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<tr>
<td>Contents: GC Initial IQ L-O-M Set (5 x MC/Paste Opaque 3 g [A2, A3, B2, C2, D2], 4 x IQ/L-O-M Body 50 g [A, B, C, D], modelling liquid, Glass Plate, Brush, Technical Manual)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GC Initial IQ Layering-over-Zircon (L-O-Z)</th>
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</thead>
<tbody>
<tr>
<td>877079 Layering-Over-Zircon set</td>
</tr>
<tr>
<td>Contents: Initial IQ L-O-Z Set (7 x Light Reflective Liners 3 g [1-6, BL], Liner Thinner, 5 x IQ/L-O-Z Body 30 g [A, B, C, D, BL], modelling liquid, Glass Plate, Brush, Technical Manual)</td>
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<table>
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<tr>
<th>Initial Zr Light Reflective Liner Set (7 x Light Reflective Liners 3 g [1-6, BL], Liner Thinner), Technical Manual</th>
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<tr>
<td>877080 Initial Zr, Light Reflective Liner Set (7 x Light Reflective Liners 3 g [1-6, BL], Liner Thinner), Technical Manual</td>
</tr>
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Press-over-Metal and Press-over-Zircon

The GC Initial IQ Press-over-Metal and Press-over-Zircon systems are feldspar-based pressable ceramics that demonstrate unsurpassed lifelike aesthetics. The pre-blended ingots and the GC Initial IQ Lustre Pastes NF add up to an internal light dynamic that delivers unrivalled vitality and natural lustre. This system is compact and easy to use, suitable to all dental technicians.

CHARACTERISTICS & BENEFITS

- Press-over-Metal is compatible with standard porcelain alloys (CTE range 13.8 to 14.9)
- Press-over-Zircon is compatible with all Zr-based pressable and CAD/CAM technologies
- Can be used to press posteriors and anteriors without further layering technique
- Aesthetics are achieved following the ‘paint by numbers’ with GC Lustre Pastes NF
- Quick reproduction of standard Vita® colours
Charateristics & benefits
- Hybrid MFR formulation
- High mechanical strength
- Excellent physical properties, such as surface smoothness and wear resistance
- Biocompatible and antagonist friendly
- Natural appearance due to lifelike tooth shades
- Easy, ceramic-like build-up technique
- Easy polishability
- Direct, intra-oral repairing

Indications
- Metal-supported crowns & bridges
- Metal-free crowns & bridges
- Facings
- Inlays/onlays
- Implant suprastructures
- Partial dentures

How to use
The non-sticky texture of the pastes used in the GC GRADIA® system enables easy and controlled spreading on all surfaces and precision applications such as jacket crowns and free incisal edges. The screw section on the GC GRADIA® syringes can be re-used by simply replacing the barrels to reduce waste, whilst the flip-top opening facilitates paste dispensing.

Note
For more details regarding set composition and refills, please refer to individual leaflets or item lists on our website: http://www.gceurope.com

Packages
<table>
<thead>
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<th>GC GRADIA®</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>001419</td>
<td>Master Set, containing all pastes necessary to realise 10 Vita shades: A1, A2, A3, A3.5, B2, B3, B4, C2, C3, D3 (total 57 syringes) &amp; accessories</td>
</tr>
<tr>
<td>001517</td>
<td>Standard Set, containing all pastes necessary to realise 6 Vita shades: A2, A3, A3.5, B2, B3, C2 (total 26 syringes) &amp; accessories</td>
</tr>
<tr>
<td></td>
<td>Refill All 57 syringes are available as single refill</td>
</tr>
</tbody>
</table>

GC GRADIA® Bleach Shades
- Refill Complete range of syringes available as single refill to realise the AO, BO shades

GC GRADIA® Intensive Colours
- 001529 Intensive Colour Set (11 shades) Refill All 11 colours are available as single refill

GC Retention Beads II
- 000512 Set (1 Retention Beads II 15 g + Retention Beads Adhesive 70 ml)
GC GRADIA gum shades

**Characteristics & Benefits**
- Unlimited possibilities for gingival tissue reproduction
- Excellent mechanical and physical properties of a micro-filled composite
- Easy to polish and to clean
- Also to be used in combination with ceramics

**Indications**
Reproduction of gingiva for implant suprastructures, crowns & bridges and for the characterisation of full and partial dentures.

**Packages**
- GC GRADIA gum shades
  - 001889 Starter Package: 7 shades (2 gum opaques, 4 gum bodies, 1 gum translucent)

---

GC Optiglaze

**Characteristics & Benefits**
- Single dispersion nano-filler technology
- Easy to handle and time saving
- Very thin coating layer (25-50μm) with no influence on restoration colour
- High resistance against wear and discolouration
- Superior bond durability for a long lasting gloss

**How to use**
Apply onto the surface with a brush and light-cure for 3 min. with GC Labolight LV-III. For direct application in the mouth GC recommends the use of GC G-Coat PLUS.

**Packages**
- GC Optiglaze
  - 002613 15 ml bottle

---

Light-Cured Gum Shade System

The GC GRADIA gum shades system is designed to provide a similar effect to natural gingiva. With this light-curing composite, gingiva tissues can be reproduced by means of basic or multiple layering techniques.

Nano-filled Light-Cured Protective Coating

Coating agent which simplifies the finishing process by providing an aesthetic glossy surface on artificial teeth, removable dentures and temporary crowns. GC Optiglaze is the solution for areas that are difficult to polish such as posterior fissures or interproximal areas of indirect composite restorations.

**Packages**
- GC Optiglaze
  - 002613 15 ml bottle
GC Stick & StickNET

Fibre reinforcements for composites and acrylics

GC Stick and GC StickNet provide a strong, aesthetic and profitable solution for strengthening composites and acrylics. They are made of silanated E-glass fibres embedded in a polymer matrix. These reinforcements can be used with light-cured, chemically-cured and dual-cured resins and composites, as well as with powder–liquid acrylics. The unidirectional Stick fibre bundle adds strength and stiffness to the material in the direction of the fibres. The GC StickNET fibre net adds strength and toughness to the material in two directions.

Characterristics & benefits

• Solution for a wide range of indications
• Compatible with most composites and acrylics
• Unique patented bonding
• Low starting investments
• Simple and time-saving fabrication method
• As strong as metal
• Metal free and aesthetic
• Easy to repair
• Extensive research data

Indications

GC Stick is especially recommended for dentures
• New partial and full removable dentures
• Denture repairs
And also for
• Surface retained bridges
• Inlay and onlay bridges
• Implant supported bridges
• Hybrid bridges
• Temporary bridges

GC StickNET is especially recommended for reinforcing crowns and thin areas of removable dentures.
And also for
• Post and core crowns
• Veneers
• Clasp areas in removable dentures

Packages

<table>
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<th>GC Stick</th>
<th>GC StickNET</th>
<th>GC StickResin</th>
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<tbody>
<tr>
<td>900820</td>
<td>4 x 15 cm refill</td>
<td></td>
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</tr>
<tr>
<td>900821</td>
<td>1 x 90 cm² refill</td>
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</tr>
<tr>
<td>900823</td>
<td>5 ml Adhesive bottle</td>
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Prosthetic dentistry for the technician
Prosthetic dentistry for the technician

**GC Metal Primer II**

**Characteristics & Benefits**
- Simply applied with a brush for easy and fast handling
- No special equipment needed
- Resistant to moisture, offering reliable adhesion
- Can be used with all dental alloys

**How to use**
For repairs in the mouth, safe bonding can be achieved with rubber dam.

**Packages**
- GC Metal Primer II
  - 000554 5 ml liquid & 1 brush

**Composite Primer**

**Characteristics & Benefits**
- Simply applied with a brush
- Easy and fast handling
- Rebuilding of inhibition layer
- Safe composite bonding

**How to use**
Composite Primer is also applied for safe bonding when individualising artificial teeth and acrylic denture bases using GC GRADIA and GC GRADIA gum shades.

**Packages**
- GC Composite Primer
  - 001530 3 ml liquid

**GC Ceramic Primer**

**Characteristics & Benefits**
- Simply applied with a brush
- Easy and fast handling
- Safe bonding

**How to use**
GC Ceramic Primer and GC Composite Primers secure the safe bonding of GC GRADIA and GC GRADIA gum shades to ceramic restorations. In the dental office it is used to firmly bond ceramic prostheses to tooth structure using resin adhesive cement.

**Packages**
- GC Ceramic Primer
  - 001930 1-1 Pack: A 2 ml liquid, B 2 ml liquid
**GC Labolight LV-III**

**Characteristics & Benefits**
- Excellent light-curing ability for safe polymerisation including opaque layers
- Integrated fan with optimum temperature control during polymerisation
- Outstanding handling characteristics
- Spacious curing chamber adapted to all sizes of bridges
- Compact design
- Specifications: Power supply AC 220V 50/60Hz

**Packages**

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<tr>
<td>001553</td>
<td>GC Labolight LV-III, incl. accessories (2 turntables, 2 stands with 8 posts, 3 fluorescent lamps)</td>
</tr>
<tr>
<td>001193</td>
<td>Fluorescent replacement lamp for GC Labolight LV-III/LV-III, 1 pce</td>
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**GC Steplight SL-I**

**Characteristics & Benefits**
- Specially developed for safe pre-polymerisation of GC GRADIA
- Easy-to-use ergonomic design
- Automatic timing for 10 sec. of pre-polymerisation
- Integrated cooling fan
- Specifications: Power supply AC 220/230V 50/60Hz

**Packages**

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<td>GC Steplight SL-I</td>
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<td>001557</td>
<td>Halogen replacement lamp, 1 pce</td>
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A NEW STANDARD IN TRAINING AND EDUCATION
GC has always invested heavily in providing the very best in training and education to its customers. The GC Europe Campus Meeting and Education Centre plays an important role in our ability to deliver top quality education programmes aimed at the whole dental team.

A desire to promote communication and understanding between dentists and technicians is also a long held belief and the ability to promote and disseminate knowledge amongst dental professionals is a fundamental principle of our business.

This commitment to research and continuous education has been the foundation for the GC Europe Campus Meeting and Education Centre, which is located on our Headquarters site in Leuven, Belgium. The Centre covers an impressive 1,600m² of usable floor space. The ground floor is an open lobby, a meeting room and a large restaurant. The training facilities are located on the first floor and include a multimedia room and fully equipped modular training laboratory that can accommodate up to 12 people for hands-on training sessions, as well as a separate room for plaster and polishing, with a third room to encompass investing and casting. Furthermore, a fully equipped dental surgery with panoramic x-ray and sterilisation room completes our learning facility.

This state-of-the-art environment enables us to exchange knowledge with our worldwide network of dental professionals and to deliver hands-on courses, presentations and demonstrations of all our major technologies and products by world-class trainers.

DENTAL TRAINING COURSES BY GC EUROPE
Tailor-made dental training courses for dentist and technicians

These courses take into account the learning preferences of each group. A tailor-made programme will give the right amount of challenge and encouragement to each participant. We can organise courses for groups of various sizes ranging from eight to 100 attendees. The course length can vary from half a day up to three days. Tailor-made courses can either be delivered on-site, or based at one of our GC sites throughout Europe.
GC Europe Campus

TRAINING COURSES FOR THE FORWARD-THINKING DENTIST

Understanding and using GC composites
To create anatomically functional and aesthetically pleasing restorations, there is only one model to copy: the natural tooth. After analysing the structure of the natural elements, simple steps are applied to rebuild the perfect copy of the original. This course consists of different training levels in which you will become familiar with the GC G-ænial layering technique and will enhance your skills to the highest level.

See Glass Ionomer technology from a fresh perspective
GC’s ongoing commitment to glass ionomer research and innovation has driven the development of GC EQUIA: a unique restorative system for aesthetic and economical posterior restorations with impressive strength and durability. Sign up to this training module if you want to find out more about the new generation of glass ionomers and how they can benefit your practice and patients.

A vision of caries management
Minimum intervention or MI is the modern ‘medical’ approach to the management of caries and its principles are very simple:
- To identify and assess any potential caries risk factors early
- To prevent caries from occurring by eliminating or minimising risk factors
- To restore demineralised enamel and protect against further damage
- To offer patient recall periods depending on caries susceptibility
This training module will offer you information and strategies on how to use and implement this into your daily work while running a profitable practice.

Perfect impressions under all conditions
Inside the mouth, the environment can be unpredictable but you can always rely on GC to offer you solutions for precise and detailed reproductions. Different materials and techniques combined with tips and tricks will be discussed in this training module.

Fibre reinforcement with Stick & everStick
This course will guide you through all possibilities and tips and tricks on how to use the various fibre products in a correct way, covering the following indications:
- Aesthetic retention
- Root canal posts
- Periodontal splinting
- Splinting traumatised teeth
- Bridges for anterior or posterior regions
TRAINING COURSES FOR THE FORWARD-THINKING DENTAL TECHNICIAN

Create your world with Initial
GC Initial represents a paradigm shift in ceramic systems as it consists of six ceramics in one integrated product line and colour line, which can create from metal-ceramic all the way to full-ceramic restorations. Participants will gain insight into
• the philosophy of the Initial system
• the essential processes for different ceramic applications
• the principles of the different GC Initial layering approaches
• explanations of the colour system and different powders
• useful tips and tricks

Understanding and using laboratory composites
GRADIA is a unique light-cured micro-ceramic-composite system for crowns, bridges, inlays and veneers, which give restorations a colour tone close to that of natural teeth. During this course our experts explain the step-by-step procedures of building up various GRADIA and GRADIA gum shade restorations. The course includes practical oriented tips and tricks and explanations on the technical and clinical aspects of composites restorations.

Guidelines for optimal use of stones & investments
GC’s stones and investments are high quality products which have been specifically designed to produce consistently accurate castings and meet the production requirements of the modern dental laboratory. This course will help you understand our GC Fujirock stones and GC Fujivest Investments in more detail. Useful information will be provided that will help you to avoid mistakes and potential problems, by identifying the optimal techniques and by analysing the various problems that can occur if best practice is not followed.
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### PROSTHETIC DENTISTRY FOR THE TECHNICIAN

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