

INTRODUCTION

GC America Inc. is dedicated to providing dental professionals with the most cutting edge, high quality products in the market. CAD/CAM and milling technologies are rapidly changing and there is an increased demand for such a type of technology in the dental industry. The following featured products are ideal for such technologies. From revolutionary new ceramic pastes that add dimension to monolithic milled ceramic crowns, to ideal cements, GC America offers a range of products and services that will perfect the new technologies of today.

TESTIMONIALS

"I have been using the GC Initial™ IQ Lustre Pastes NF set for a few years now for my CEREC®† crowns and I really like it! The color palette is excellent and gives you a wide variety of options to match teeth. The materials really stay where you place them, so it is easy to characterize with. It has been a very nice addition to my CEREC®† stain and glaze armamentarium."

- Dr. Rich Rosenblatt

"I was shocked at what I could create with GC Initial™ IQ Lustre Pastes NF. This product has made stain and glaze a true art form!"

- Joshua Polansky, Niche Dental Studio, Cherry Hill, NJ

"The new GC Initial™ IQ Lustre Pastes NF is one of the best dental materials created in the last 10 years. The original version was very nice, but now that it can be used on any ceramic regardless of the CTE's and is dispensed in a jar to increase efficiency, it is a true winner and a "must have" for every lab."

- Albert Tassi, CDT, Albert Tassi Dental Studio, Elmhurst, IL

"If you are not using GC FUJIROCK® EP OptiXscan, what are you waiting for? This is by far the greatest die stone for scanning in the world! Low expansion, high strength and perfect detail. What more can you ask for?"

- Luke Kahng, CDT, LSK121 Oral Prosthetics, Naperville, IL

"GC FUJIROCK® EP OptiXscan is by far the best scannable die stone on the planet! It has perfect physical properties with low expansion and high compressive strength. The detail we get from GC FUJIROCK® EP OptiXscan is unsurpassed. We have tried many different scannable die stones in the past but have not found a single type 4 stone of this quality."

- Iliya Stein, Creative Dental Ceramics, Des Plaines, IL



GC Initial IQ Lustre Pastes NF are 3-dimensional ceramic pastes developed to bring color depth and lifelike translucency for the complete GC Initial ceramic range. Thanks to their "New Formula" you can now really bring your crowns and bridges to life.

GC Initial IQ Lustre Pastes NF are an optimal match to both "low" and "high" CTE ceramics and are available in a ready to use consistency. GC Initial IQ Lustre Pastes NF are based on fine ceramic particles and can be applied in a thicker layer where they will exhibit unsurpassed vitality and add a very natural glaze to your restorations.

The GC Initial IQ Lustre Pastes NF are a one-for-all solution for the complete GC Initial line. It is possible to use the GC Initial IQ Lustre Pastes NF in a wide CTE range between 6.9 and 13.3 in order to work with nearly all types of ceramic. These GC Initial IQ Lustre Pastes NF represent a modern alternative for conventional staining and glazing, as well as for the color, brightness, grey value and surface texture corrections of all of your ceramic crowns and bridges. Due to its unique properties, it takes a matter of minutes to individualize the surfaces of your crown and bridge work - to paint on white bands, decalcifications, hair lines and crack lines or to characterize your restorations.

With our new paste technology, take your milled restorations, without a glaze or stain, to a whole new level.

The totally new technologies of the GC Initial IQ 3-dimensional Lustre Pastes NF now allow you to take your milled restorations to another level of beauty and quality. These newly designed pastes allow you to color, characterize and glaze your milled restorations in ONE FIRING! GC Initial IQ Lustre Pastes NF will allow you to achieve a 3-dimensional looking restoration in one easy step that looks like it took hours to stack by a ceramist.

- Easy as painting by numbers
- Consistent predictable results
- While other manufacturers offer a stain/glaze material, GC Initial IQ Lustre Pastes NF are totally new 3-dimensional ceramic pastes, which exhibit unrivaled vitality, depth and lustre in one firing



FIRING TEMPERATURES



Monochromatic Restoration



Finished Restoration After GC Initial IO Lustre Pastes NF Application

What is so different? GC Initial IQ Lustre Pastes NF achieve superior aesthetics and save time in one firing!

Traditional Stains/Glazes -VS- GC Initial IQ Lustre Pastes NF

Most stains and glazes on the market contain oxides that block light	GC Initial IQ Lustre Pastes NF are a unique new ceramic paste that allows light to pass through the restoration	
Stains and glazes do not allow you to add morphology, texture, or contacts	GC Initial IQ Lustre Pastes NF allow you to add texture, morphology and contact by simply controlling the consistency with diluting liquid	
Stains and glazes only adhere to the surface of the ceramic and can wear	• Because GC Initial IQ Lustre Pastes NF are indeed a ceramic paste, they fluoresce naturally	
Most stains and glazes must be fired more than once	GC Initial IQ Lustre Pastes NF are a low fusing ceramic paste that infuses itself into the restoration	
Most conventional stains and glazes do not fluoresce at all	GC Initial IQ Lustre Pastes NF - ONE FIRING!	
Stains and glazes cannot be layered and are not stable	GC Initial IQ Lustre Pastes NF are thixotropic and when left thick can be layered like a ceramic	

Here's the difference!



Polished milled restoration.



Polished milled restoration applied with GC Initial IQ Lustre Paste NF.



Stain does not allow light penetration¹.



GC Initial IQ Lustre Pastes NF allow light to pass through¹.

Competitive Fluorescence Comparison²

GC Initial IQ Lustre Pastes NF



Stain "B"

Stain "C"

¹ internal test conducted with a lightbox ² internal test conducted with a blacklight



Before GC Initial IQ Lustre Pastes NF application, the restorations should be contoured and adjusted using diamond burs. The finished restoration should be sandblasted with 50 microns aluoxid at 1.5 bar pressure. Note: cleaning surface with alcohol is acceptable.



Dispense desired Lustre Pastes into palette. Note: L-N (GC Initial IQ Lustre Pastes NF Neutral) should fully cover every restoration.



Use diluting liquid to dilute the thick consistency of the GC Initial IQ Lustre Pastes NF. GC Initial IQ Lustre Pastes NF should have a creamy consistency.



The GC Initial IQ Lustre Pastes NF Neutral (L-N) is coated on the entire surface of the restoration.



The GC Initial IQ Lustre
Pastes NF Neutral (L-N)
coating should be applied
slightly thicker than what we
know of a normal glaze firing.
Note: GC Initial IQ Lustre
Pastes NF should not come in
contact with water.



Vitapan®† Classic Shades can be created by a more or less intensive application of the GC Initial IQ Lustre Pastes NF(L-A through L-D).



GC Initial IQ Lustre Pastes NF Body (L-A through L-D) can be added to the gingival and occlusal for more chroma and characterization



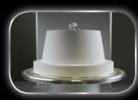
For even further individualization, you can use the 2 whitish GC Initial IQ Lustre Pastes NF, Vanilla (L-1) and White (L-2), for brightening restorations and cusp tips.



Bluish Effect GC Initial IQ Lustre Pastes NF (L-5 or L-6) can be added for a bluish opalescence while Greyish Effect GC Initial IQ Lustre Pastes NF (L-3 or L-4) can be used for a high transparency.



Surface texture or smoothness of the GC Initial IQ Lustre Pastes NF can be obtained by softly vibrating the restoration.



Set restoration in oven and fire according to firing instructions (see reverse side).



Final restoration.







L-A Body



L-B Body





L-C Body





L-D Body



L-1 Vanilla





L-7 INcisio

FIRING TEMPERATURES

Preheating Temp:	480°C	
Drying Time:	2:00 min	
Raise of Temp:	45°C/min	
Vacuum:	No	
Final Temp:	790°C	
Holding Time:	1:00 min	
(for a higher glaze 2:00min)		



L-2 White



L-3 Light Grey



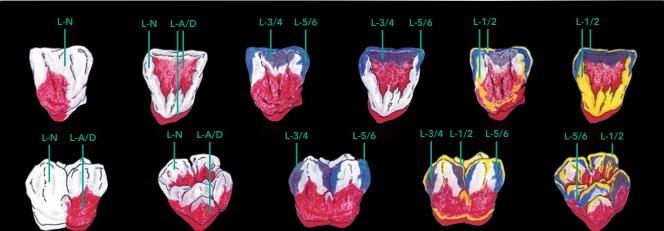
L-4 Dark Grey



L-5 Light Blue



L-6 Dark Blue







FIT CHECKER™

Odorless, tasteless silicone material that forms a tough, micro thin film to allow detection of high spots and pressure points.

- Fast-setting and easy-to-use, FIT CHECKER peels away to leave a clean, residue-free fitting surface
- FIT CHECKER black is ideal for use with all ceramic restorations
- Clearly identifies issues of seating all ceramic restorations (black)
- Easy to clean-up, resulting in achievable high internal bond strengths to ceramic restoration



FIT CHECKER™ II

FIT CHECKER II is a white colored, odorless, tasteless VPS indicator material that forms a 3-dimensional representation of any high spots or pressure points in various dental prosthesis: dentures, crowns and/or bridges.

- Vinyl Polysiloxane not affected by saliva
- White in color excellent detail and accuracy
- 3-dimensional record of prosthesis fit
- Enough working time for full dentures
- Flows well when seating denture



G-CEM™ & G-CEM™ Automix

Self-adhesive resin cement features an advanced formulation that offers unparalleled self-adhesive properties that seal and protect the tooth while eliminating sensitivity, whether the prep is moist or dry. This natural complement to the tooth surface means you will be able to quickly and efficiently handle a variety of restorations with far better results: generating more satisfied patients in the process.

THE RIGHT MIX FOR LONG-LASTING RESTORATIONS

- Easy to use
- Strong
- Versatile
- Two delivery options, one powerful restoration solution
- Made by the world leader in dental cements
- Available in two delivery forms
- Low film thickness to guarantee intimate fit of all ceramic restorations
- Highest level of fluoride output in all resin cement systems



GC METAL STRIPS

Ideal for trimming and finishing interproximal surfaces (composite, glass ionomer or metal restorations) since they will not stretch or break. The excellent wear resistance and superior abrasive bonding allow wet finishing and assure long-lasting and repeated use.

- Sterilizable/autoclavable
- Color-coded (4 grits)
- Coarse, Medium, Fine and Extra Fine
- 3 widths
- 2.6mm, 3.3mm, and 4.0mm
- Ability to lighten contacts during cementation if necessary
- Improves marginal adaptation of restoration if needed



GC CERAMIC PRIMER

A priming agent designed to firmly bond ceramic prostheses to tooth structure using resin adhesive cement as well as to bond laboratory resins, composites and acrylics to ceramic surfaces.

- The only two bottle system on the market to enhance physical properties and extend life of product
- Increases bond strength to internal substrate of an all ceramic restoration





EXABITE™ II

Developed especially for occlusal registration, EXABITE II is an improved addition reaction vinyl polysiloxane impression material that has significant handling and accuracy advances, extrudes easier, and sets hard, very quickly.

- Improved bite registration créme offers higher strength and hardness
- New faster formulation sets in 45 seconds or less
- Ideal stiffness and minimal distortion
- Easy to powder and obtain flawless optical image



A beautiful smile depends on your teeth being healthy and looking good. Strong teeth are much more than only cosmetic – they are essential for oral health and are necessary for your overall health by helping you speak and eat properly.

MI Paste™ and MI Paste Plus™ with RECALDENT™ (CPP-ACP), is a topical tooth créme that can be used safely and effectively several times daily. It helps prevent oral disease and promotes oral health. It contains calcium and phosphate - the same minerals found naturally in your teeth. It is easy to use, tastes great and helps you maintain a healthy smile. MI Paste Plus offers the same great benefits of regular MI Paste, enhanced with fluoride to further promote remineralization and protect teeth from caries.

RECALDENT™ (CPP-ACP) is a trademark used under license.

MI Paste™ & MI Paste Plus™

MI Paste & MI Paste Plus are the ideal take-home products for your patient to care for and protect their new, aesthetic, all-ceramic CAD/CAM restorations. Because MI Paste & MI Paste Plus are non-abrasive topical tooth crémes, with a neutral pH, it will not scratch porcelain or erode the surface polish or glaze, thus ensuring the long-lasting beauty of these highly aesthetic restorations.

In addition, MI Paste & MI Paste Plus will help protect the resin cement interface, especially with all-ceramic veneers and inlays/onlays, increasing their durability and ultimately prolonging the life of your patient's CAD/CAM restorations.

Furthermore, any post-operative sensitivity your patients may experience after the placement of their new CAD/CAM restorations will quickly and easily be diminished with the twice daily use of MI Paste Plus following brushing and flossing.

Because the preservation of healthy tooth structure is important to both you and your patient, MI Paste & MI Paste Plus are the BEST recommendations you can make to your patient for the optimal care, maintenance and protection of the new investment they have made in their smile!





PRODUCT SKU & SERVICES

FIT CHECKER™

000273 Standard Package (White)

Contains: 1 tube Base, 1 tube Catalyst, Retarder and Mixing Pad

002059 Standard Package (Black)

Contains: 1 tube Base, 1 tube Catalyst, Retarder and Mixing Pad

FIT CHECKER™ II

002255 Two-Pack

Contains: Two 48mL cartridges with 6 mixing tips

002584 Shade A2 50-Capsule Refill

002585 Shade AO3 50-Capsule Refill 002586 Translucent 50-Capsule Refill

002587 Shade BO1 50-Capsule Refill

002588 Assorted 50-Capsule Refill

439003 Starter Kit

Contains: 1 Assorted 50-Capsule Refill and 1 GC Fuji CAPSULE APPLIER

G-CEM[™] Automix

002898 Shade A2 Syringe Refill

002899 Translucent Syringe Refill

002902 Automix Tip Refill 002903 Endo Tip Refill

GC Advanced Technologies®

A GC America company offering customized milling services for your implant abutment needs. Contact your GC America representative or call 800.323.7063 for more information regarding GC Aadva™ Implant Abutments.

001930 GC CERAMIC PRIMER Package

Contains: 1 Bottle Primer A (2mL), and 1 Bottle Primer B (2mL)

GC METAL STRIPS

Refill Package – Contains 12 Strips, Same Mesh and Width (Choose Mesh and Width)

000252 #200 Mesh (140 micron) Extra Coarse-RED, A-Width (2.6mm)

000256 #300 Mesh (90 micron) Coarse-BLUE, A-Width (2.6mm) **000260** #600 Mesh (70 micron) Medium-GREEN, A-Width (2.6mm)

000264 #1000 Mesh (50 micron) Fine-YELLOW, A-Width (2.6mm)

000253 #200 Mesh (140 micron) Extra Coarse-RED, B-Width (3.3mm)

000257 #300 Mesh (90 micron) Coarse-BLUE, B-Width (3.3mm)

000261 #600 Mesh (70 migron) Medium-GREEN, B-Width (3.3mm)

000265 #1000 Mesh (50 micron) Fine-YELLOW, B-Width (3.3mm) **000254** #200 Mesh (140 micron) Extra Coarse-RED, C-Width (4.0mm)

000258 #300 Mesh (90 micron) Coarse-BLUE, C-Width (4.0mm)

000262 #600 Mesh (70 micron) Medium-GREEN, C-Width (4.0mm)

000266 #1000 Mesh (50 micron) Fine-YELLOW, C-Width (4.0mm)

EXABITE™ II

132412 Two-Pack

Contains: Two 48mL cartridges and 12 mixing tips

132418 Eight-Pack

Contains: 4 two-packs of 48mL cartridges and 48 mixing tips

GC FUJIROCK® EP OptiXscan

900482 Inca Brown 5kg Package

GC Initial™ IQ Lustre Pastes NF

876220 Diluting Liquid (8mL)

876400 Refresh Liquid (8mL)

876401 Lustre Paste Neutral (4a)

876402 Body Shade A (4g)

876403 Body Shade B (4g)

876404 Body Shade C (4g) 876405 Body Shade D (4g)

876406 Enamel Effect Shade 1 - Vanilla (4a)

876407 Enamel Effect Shade 2 - White (4g)

876408 Enamel Effect Shade 3 - Light Grey (4g) 876409 Enamel Effect Shade 4 - Dark Grey (4g)

876410 Enamel Effect Shade 5 - Light Blue (4g)

876411 Enamel Effect Shade 6 - Dark Blue (4a)

876412 Enamel Effect Shade 7 - INcisio (4a)

876413 Enamel Effect Shade 8 - Olive (4q)

876414 Enamel Effect Shade V - Value (4g)

877043 Glass Spatula 877051 Brush 00

877052 Brush 2

877053 Mixing Dish

877054 Plastic Cover

877078 Set

MI Paste™

002265 Assorted 10-Tube Package

003679 Mint 10-Tube Package

004505 Strawberry 10-Tube Package

MI Paste Plus™

002614 Assorted 10-Tube Package

002621 Mint 10-Tube Package

002888 Vanilla 10-Tube Package

002886 Strawberry 10-Tube Package

