



You pick  
the right club  
for the shot...

*CC*

# ...so why not pick the right Universal Composite for the handling you want?

At GC, we have a focus on individuality. We understand that no two patients are the same – and neither are the restorative challenges they present with. We also understand no two dentists' preferences in the flow and sculpturing characteristics of a composite, or their preferred placement technique, are exactly the same.

To meet this need, GC presents a range of universal composites with handling options from flowing and injectable to firm and packable. Each GC composite introduces aesthetic qualities that are focused on helping clinicians create invisible restorations simply and efficiently.

Each of these universal composites also offers a high level of physical properties and polish retention to ensure strength and durable aesthetic qualities. And each one showcases the innovation and quality that is core to GC's product philosophy.

We help you achieve a  
highly aesthetic solution  
for every case.



## G-ænial Universal Flo

Controlled fluidity. **G-ænial Universal Flo** injects like a flowable, yet will stack like a traditional composite. A world-leading composite with exceptional strength, polish and versatility.



## GRADIA DIRECT X

A medium-soft putty consistency that is easily mouldable with an instrument or brush. Featuring a self-correcting surface characteristic that minimises finishing, **GRADIA DIRECT X** offers single shade simplicity in an easy to use everyday material.



## G-ænial ANTERIOR

A medium consistency that won't stick or slump – it's ideal for free-hand contouring of aesthetic restorations. **G-ænial ANTERIOR** brings natural vitality and exceptional shade matching for superior aesthetic results.



## G-ænial POSTERIOR

A firmer consistency composite, providing a more packable feel with the right amount of flow to ensure complete adaptation to the cavity floor and walls. **G-ænial POSTERIOR** is easy to carve and optimally shaded for perfect posterior restorations.

# G-ænial Universal Flo



**G-ænial Universal Flo** is the world's first truly universal injectable composite. It is a material that clinicians can place with ease for beautifully adapted, beautifully finished, fast, aesthetic and tough composite restorations. **G-ænial Universal Flo** gives you and your patients the highest level of aesthetic outcome with a beautiful high shine finish and excellent gloss retention.

**G-ænial Universal Flo** benefits from advanced filler, silane coating and manufacturing technologies. A new formulation of 200 nanometre strontium glass was developed, which is highly translucent, acid resistant and radiopaque. A revolutionary silane treatment strengthens the adhesion between glass particle and resin matrix improving the hydrolytic stability and durability of the composite structure. New manufacturing techniques allow us to achieve higher filler loading without porosities to improve strength, wear resistance and enhance the final polish and aesthetics.





### Full Strength

In an injectable composite for all cavity classifications

### Beautiful Aesthetics

With a high gloss finish that lasts

### No Slumping

Yet wets and adapts for fast application

### Sets Rock Hard

With exceptional wear resistance

### Self Polishing

And fast finishing with ideal gloss retention

### Universal Composite

With the convenience of a flowable syringe

**G-ænial Universal Flo** injects like a flowable, yet will stack like a traditional composite. The injection technique is quick and stress free, and the flow consistency means optimum cavity adaptation can be realised with no risk of pull back that might cause voids at critical margins. Placement is exact and controlled and the build up of anatomical form is easy to achieve.



# GRADIA DIRECT X



**GRADIA DIRECT X** is designed with clinicians foremost in mind. It is a strong, radiopaque anterior/posterior composite with exceptional beauty, yet shade selection is remarkably simple. With an optimal combination of handling and finishing characteristics, placement time is minimised and the final high quality restorations are achieved with unmatched ease.

To develop a truly universal composite that is strong, aesthetic and simple to use requires filler complexity to replicate the aesthetic properties of natural teeth. **GRADIA DIRECT X** contains a variety of nano fillers, glass fillers, and both silica and lanthanoid fluoride pre-polymerised fillers that collectively impart strength to the composite and imitate the complex light transmission, diffusion and reflection characteristics found in natural teeth.





### Low Polymerisation Shrinkage Stress

Achieved through an optimised resin formulation

### One Shade Simplicity

Unmatchable aesthetic invisibility through a remarkable chameleon effect

### High Fracture Toughness

Optimised resin and new filler technologies gives strength

**GRADIA DIRECT X** has just the right amount of flow under pressure, ensuring intimate contact with the cavity walls and floor, for the best possible adhesive interface and marginal adaptation. It is easy to manipulate and can even be brush contoured. It won't stick or slump or set prematurely under the overhead light.



# G-ænial ANTERIOR



**G-ænial ANTERIOR** composite is perfect for beautiful and natural looking high gloss restorations. **G-ænial ANTERIOR** features enhanced light scattering abilities to bring a more natural vitality, with exceptional shade matching for superior anterior aesthetics. This is achieved through an extremely diverse structural composition which enables light movement to mimic the optical properties of a natural tooth. In most cases a single shade is all that is required for restorations to blend seamlessly with the tooth.





### Optimised Handling

Smooth, non-sticky  
and sculptable handling

### High Gloss Finish

Polishes quickly to  
a high gloss finish

### More Working Time

Working time under ambient  
light extended to 4 minutes

### Simplicity

Available in a choice  
of 22 shades

**G-ænial ANTERIOR** gives more working time so that clinicians are free to shape, flow and sculpt to obtain anatomical form with ease. Its smooth, non-sticky consistency can be shaped with either an instrument or a brush giving you total control over your results.



< A3 single shade technique

< Dr M Moran, Australia

Dr J Tapia Guadix, Spain >

# G-ænial POSTERIOR



**G-ænial POSTERIOR** features a similar diverse filler structure to G-ænial ANTERIOR but introduces shades with a deeper concentration of colour to better match the optical properties of posterior teeth.

**G-ænial POSTERIOR** is formulated for both strength and low shrinkage stress. If a posterior composite restoration fails, it is typically due to fracture or loss of marginal seal. **G-ænial POSTERIOR** features high fracture toughness and reduced polymerisation shrinkage stress to help reduce the risk of long term failure.





### Simple Shade Selection

Four basic shades that blend beautifully with surrounding tooth colours and two outside shades to mimic age-dependent changes in the enamel.

### Low Shrinkage Stress

Reduced polymerisation shrinkage stress

### Firm Handling

Greater control to contour and build anatomical form

**G-ænial POSTERIOR** features an increased filler loading to give a firmer consistency and greater control when contouring anatomical form in posterior restorations. The packable consistency will still wet and flow when manipulated to ensure intimate adaptation to cavity walls.



< P-A2 single shade technique

< Dr J Tapia Guadix, Spain

Dr J Tapia Guadix, Spain >

# The GC range of Universal Composites



## G-ænial Universal Flo

### Standard:

A1, A2, A3, A3.5, A4,  
BW, B1, B2, B3, C3, CV

### Inside (Opaque):

A02, A03

### Outside (Enamel):

AE, JE



## GRADIA DIRECT X

### Standard:

X-A1, X-A2, X-A3, X-A3.5,  
X-BW, X-B1, X-B2, X-C2

### Inside shade:

X-A02

### Outside shade:

X-WT



## G-ænial ANTERIOR

### Standard:

XBW, BW, A1, A2, A3, A3.5  
A4, B1, B2, B3, C3, CV, CVD

### Inside special:

A02, A03, A04

### Outside special:

JE, AE, SE, IE, TE, CVE



## G-ænial POSTERIOR

### Standard:

P-A1, P-A2, P-A3, P-A3.5

### Outside special:

P-JE, P-IE



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