



# Transform the way you work

Start injecting with our strongest  
direct restorative ever\*

**G-ænial™ Universal  
Injectable**



**GC**

# Welcome to the future

**G-ænial™ Universal Injectable** is destined to be a game-changer in restorative dentistry. With its unique characteristics it will truly transform the way you work.

World-leading technologies have enabled GC to define a new benchmark composite offering **exceptional strength**, **unsurpassed polishability** and fantastic tooth-blending esthetics.

You will be amazed at how it is both **injectable and shapeable at the same time**. It adapts perfectly to the cavity floor and lets you build, shape and contour while you are injecting – because **G-ænial™ Universal Injectable** does not slump!

It will also save you time and money because placement is so much faster and you do not waste any material at all – you only use what is needed.

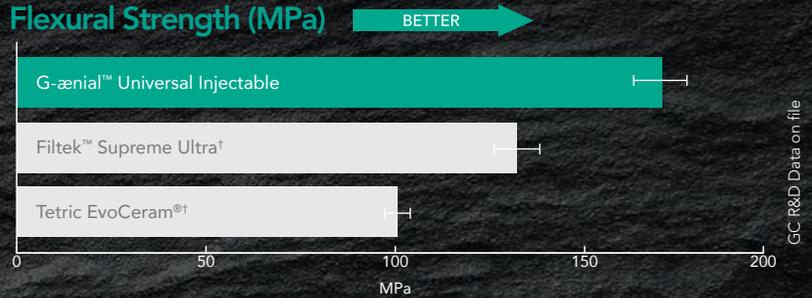
Try it for yourself and embrace the future! You will never look back.



Exceptional Strength and Wear Resistance

**Our strongest direct restorative ever\***

GC's world-leading filler technologies have allowed us to develop an injectable material that is significantly stronger than most conventional paste composite materials. It's a new paradigm in thinking that a composite with a more flowable consistency is actually your strongest option!



3 Steps in 1 - Shape and Contour as You Inject

**Inject, shape & contour all at once**

Because G-ænial™ Universal Injectable doesn't slump or string, you have total control to adapt, shape and contour as you inject for fast, effortless restorations. It will adapt perfectly to the cavity floor and allows you to easily build contours, cusps and even proximal walls.

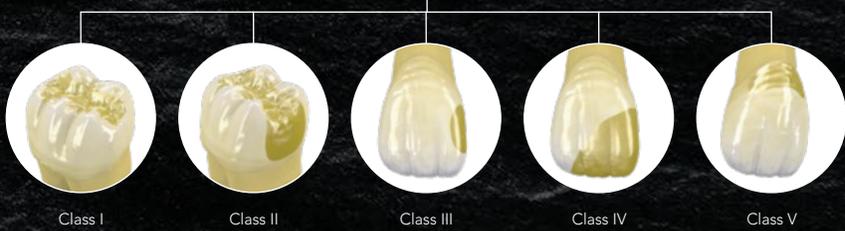


Dr Javier Tapia Guadix - Spain

Unsurpassed Polishability with Beautiful Esthetics

Universal Application for all Cavity Classes

Faster Placement Time with No Waste



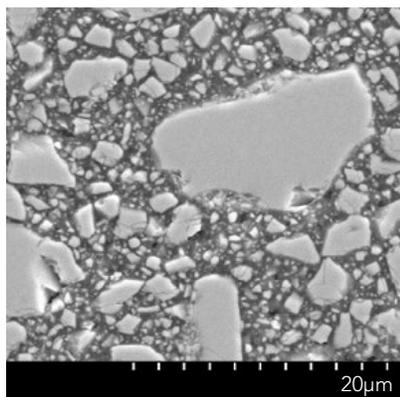
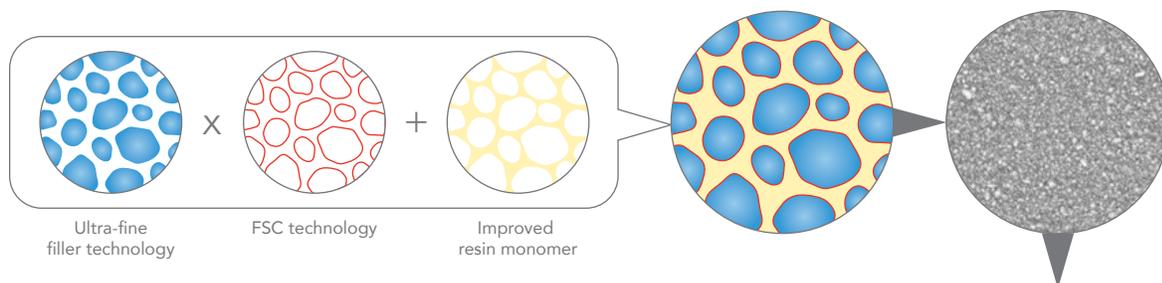
Class I      Class II      Class III      Class IV      Class V

# 3<sup>in</sup>1 Technologies

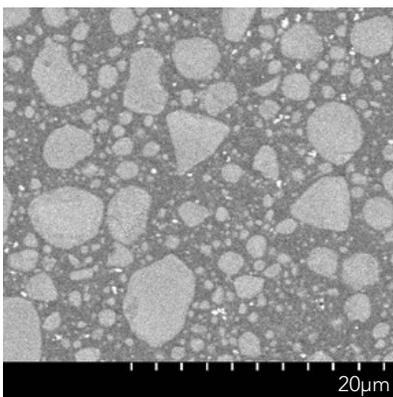


## World-leading innovation and technology

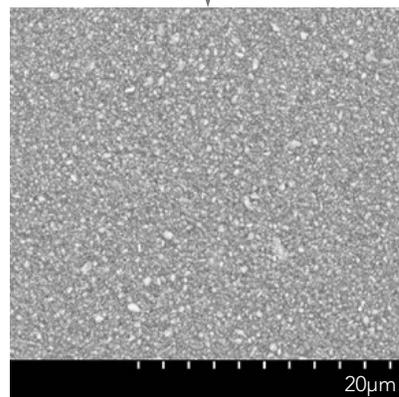
Our latest Full-Coverage Silane Coating (FSC) technology makes it possible to homogeneously and densely disperse ultra-fine 150nm fillers in the improved resin monomer matrix giving unparalleled strength, durability and energy-absorbing resilience with high radiopacity (252% Al).



Micro Hybrid – Typically contains a range of glass and nano fillers of varying sizes



Nano composite – Typically contains spherical nano clusters made up of agglomerated nano fillers of varying sizes



G-aenial™ Universal Injectable – Ultra-fine 150nm homogeneously dispersed glass fillers

## Innovative syringe design delivers with ease & no slumping

With effortless extrusion, our new syringe is a joy to use - and the bendable tips make precise delivery easy.



# 3<sup>in</sup>1 Benefits

Exceptional Strength

+

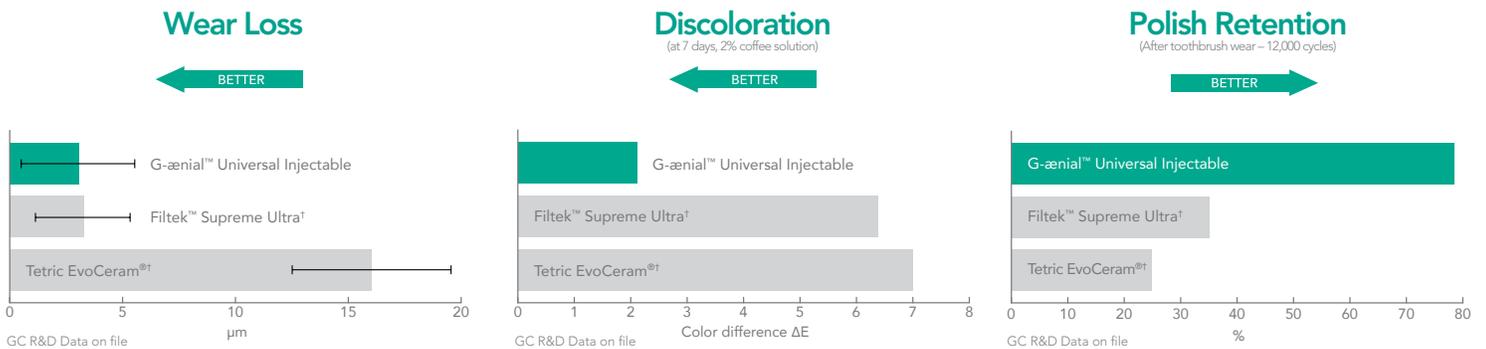
Unsurpassed Surface Integrity

+

Long Lasting Esthetics

## Superior strength, wear resistance and polish retention

G-ænial™ Universal Injectable’s high-density structure not only provides exceptional strength, but also greater wear resistance, unmatched high polish retention and high resistance to discoloration for long-lasting esthetics.



# 3<sup>in</sup>1 Savings

Less Time

+

No Waste

+

Less Stress

## Save time, save material, save stress

With far fewer steps than conventional composite, the time savings for restorations are significant. G-ænial™ Universal Injectable also eliminates waste. You only use what you need! And because G-ænial™ Universal Injectable doesn’t string or slump the whole process is easier and the end result is less stress in your day.

### Conventional pastes



### G-ænial™ Universal Injectable



# Case Studies

## Class II restoration



1. Removal of the old restoration and caries removal.



2. Undercuts can easily be reached thanks to the bendable tips.



3. Building the proximal wall using the enamel shade JE.



4. Removal of the sectional matrix after building the wall.



5. A class I procedure can now be followed; the dentin layer is created with the A4 shade.



6. Final situation after finishing and polishing of the margins.

Dr Javier Tapia Guadix – Spain

## Full-incisal build up and cervical restorations with single shade



1. Pre-operative showing lower incisal wear and cervical lesions requiring conservative restorations.



2. Full build up and VDO increase of lower incisors using a single shade and cervical lesions requiring restorations.



3. Final conservative management of different types of restorations using a single shade.

Dr Anthony Mak – Australia

## Management of early worn dentition



1. Early wear evident on 40-year old patient needing conservative management.



2. Old composite restorations removed and teeth micro-etched. Build up and restorations on the occlusal surface using alternate teeth technique.



3. Final restorations using a single shade injection technique, shade A1.

Dr Anthony Mak – Australia

## Injection moulding technique



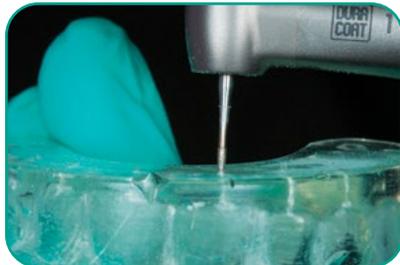
1. Model with wax-up of the desired tooth shape.



2. An impression tray is filled with EXACLEAR™.



3. The desired shape is copied. The mould can be easily removed from the impression tray and the model.



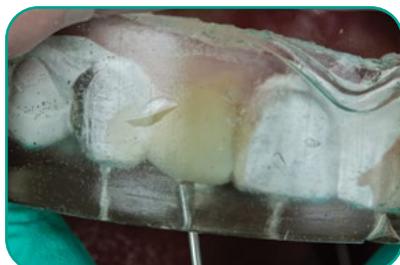
4. Holes are drilled in the EXACLEAR™ mould through which the composite will be injected.



5. Etching the enamel.



6. Application of the adhesive (G-Premio BOND™).



7. Injection of the composite into the mould. This process is repeated for each tooth.



8. Finishing the vestibular and palatal margins.



9. Finishing the approximal margins.



10. Polishing the composite restorations.



11. Result after polishing.



12. Smile after treatment.

An injectable high-strength ultra-fine particle composite with ideal viscosity, handling and adaptation characteristics that may be used for long-lasting esthetic restorations.

The homogeneously dispersed ultra-fine barium-glass particles formula (150nm particle size, 69% wt filler loading) provides high flexural strength and wear resistance for a durable and long lasting restoration.



Metal tip may be bent with fingers if necessary to better access posterior distal region.

Cavity Depth	Product Recommendation
Up to 2 mm	<b>G-ænial™ Flo X</b> or
	<b>G-ænial™ Universal Injectable</b>
Up to 4-6+ mm	<b>G-ænial™ BULK Injectable with G-ænial Sculpt®</b> (veneer layer optional)

G-ænial™ Universal Injectable features high flexural strength, for protection against chipping and fracture, and outstanding wear resistance for excellent durability and gloss retention.



**G-ænial™ Universal Injectable Syringe Refills**

Contains: Two 1.7g (1.0mL) syringes, 10 long dispensing tips and 10 short dispensing tips.

- 012364 A1
- 012365 A2
- 012366 A3
- 012367 A3.5
- 012368 A4
- 012369 B1
- 012370 B2
- 012371 CV
- 012372 CVD
- 012373 AO1
- 012374 AO2
- 012375 AO3
- 012376 JE
- 012377 AE
- 012378 XBW
- 012379 BW



**Now Available in Unitips!**

**G-ænial™ Universal Injectable Unitip Refills**

Contains: 15 0.16mL unitips.

- 012348 A1
- 012349 A2
- 012350 A3
- 012351 A3.5
- 012352 A4
- 012353 B1
- 012354 B2
- 012355 CV
- 012356 CVD
- 012357 AO1
- 012358 AO2
- 012359 AO3
- 012360 JE
- 012361 AE
- 012362 XBW
- 012363 BW

425000 Unitip **APPLIER II**

† BEAUTIFIL® Flow Plus is a registered trademark of Shofu Dental Corporation. ESTELITE® Flow Quick is a registered trademark of Tokuyama Dental Corporation. Filtek™ Supreme Ultra Flow is a trademark of 3M. Tetric EvoFlow® is a registered trademark of Ivoclar Vivadent. CLEARFIL™ AP-X is a trademark of Kuraray Dental. \*Restorative strength defined as flexural strength