



SCULPT A  
SMILE  
WITH GC

SOLARE **Sculpt**



Since 1921  
Towards Century of Health

# SOLARE **Sculpt**

Sculpt, a **universal sculptable composite** with advanced **light scattering technology** that merges GC's innovative **single dispersion nano-fillers**.

## BENCHMARK AESTHETIC

4 shades that cover all restorative needs

## HIGH STRENGTH

universal composite for all cavity classification



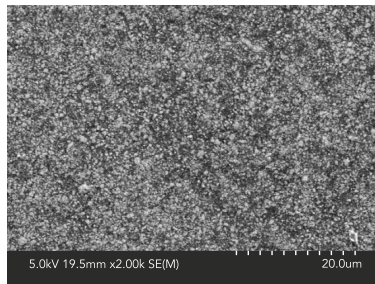
**EXCELLENT GLOSS**  
finish that lasts

**SELF POLISHING**  
and fast finishing

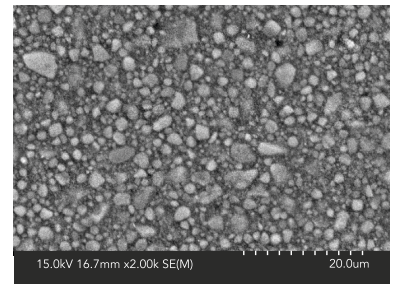
## GC Innovative Nano-Filler Technology

Sculpt is a material that clinicians can place with ease for beautifully adapted, finished, fast, aesthetic and tough composite restorations.

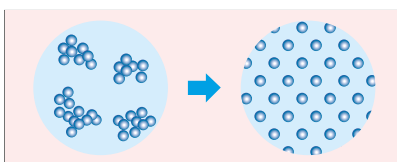
- With improved wear resistance, handling and operability, **Sculpt** can be used for anterior and posterior restorations, composite veneers, diastema closures and composite/porcelain repairs.
- Sculpt** has a unique homogeneous, pre-polymerised nano-fillers with high density & uniform dispersion silane treatment technology similar to G-aenial Universal Flo.
- 300-nm strontium glass fillers homogeneously dispersed for high flexural strength and wear resistance.



SOLARE **Sculpt**

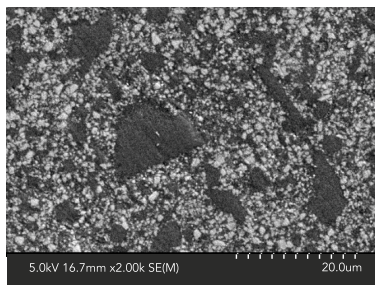


Filtek Z350

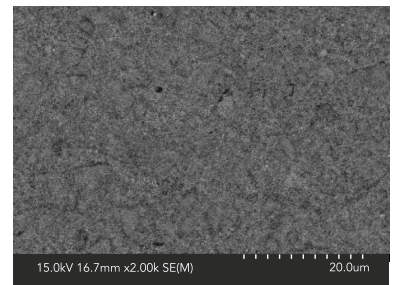


3M Nano-Filler Technology

GC Nano-Filler Technology



Clearfil majesty ES-2



Estelite S Quick

Composite filler comparison SEM



# Universal Composite

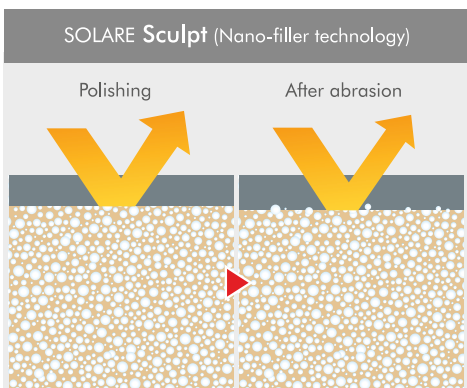
By providing versatility and a wide range of indications, **Sculpt** universal restorative is strong for posterior restorations and highly aesthetic for anterior work, preparing dentists for any clinical situation.



## Unique Self-Polishing Ability & Manufacturing Innovation

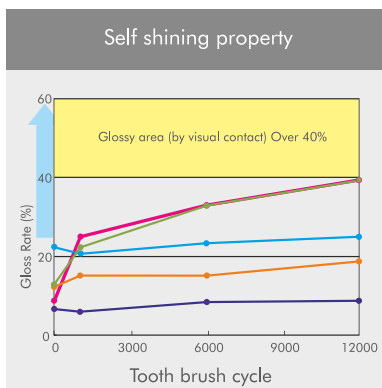
GC's ongoing commitment to research in highly wear resistant coatings has driven the innovation behind the new filler technology. With a filler weight of (79%) this unique world class technology delivers a flexible shade matching process, exceptional handling and long-term wear resistance.

### Keeping up a Gloss



After abrasion, surface property is kept at a constant level because of homogeneous dispersion of nano-filler.

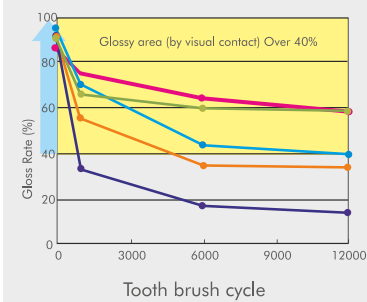
### Self shining property



Gloss of **Sculpt** will get higher by daily brushing, if it finishes off without polish. This feature is unique to **Sculpt**.

### Gloss preservation

Gloss Change with tooth brush (simulate for a year)

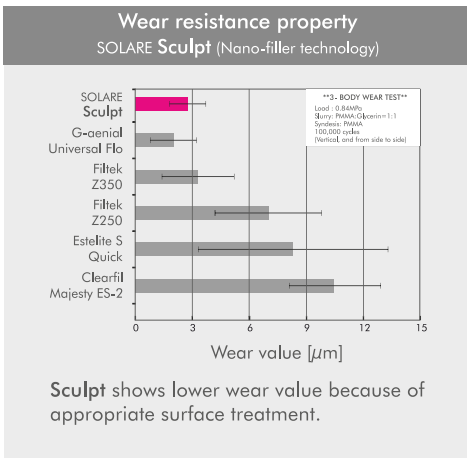


Polished surface of **Sculpt** maintains glossy effect after brushing. This feature is unique to **Sculpt**.

■ SOLARE Sculpt   
 ■ Solare Posterior   
 ■ Estelite S Quick   
 ■ Filtek Z350   
 ■ Clearfil Majesty ES-2

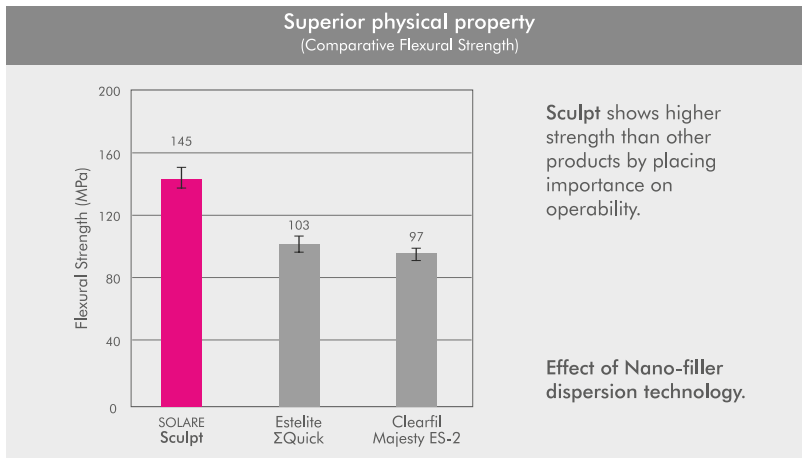
### Wear resistance property

SOLARE Sculpt (Nano-filler technology)

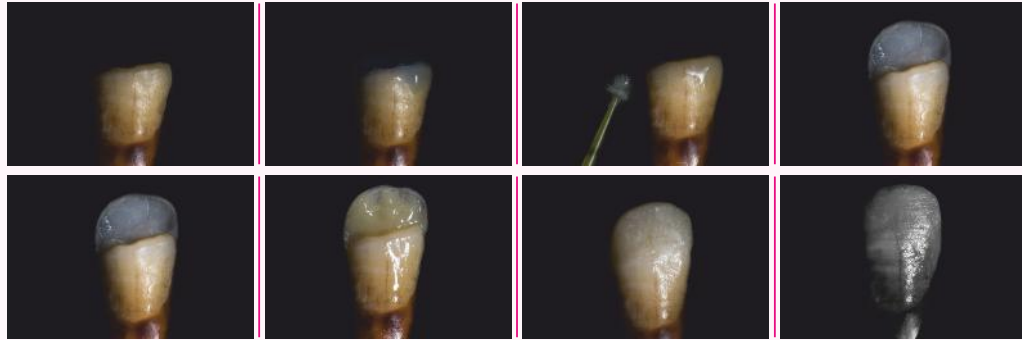


### Superior physical property

(Comparative Flexural Strength)

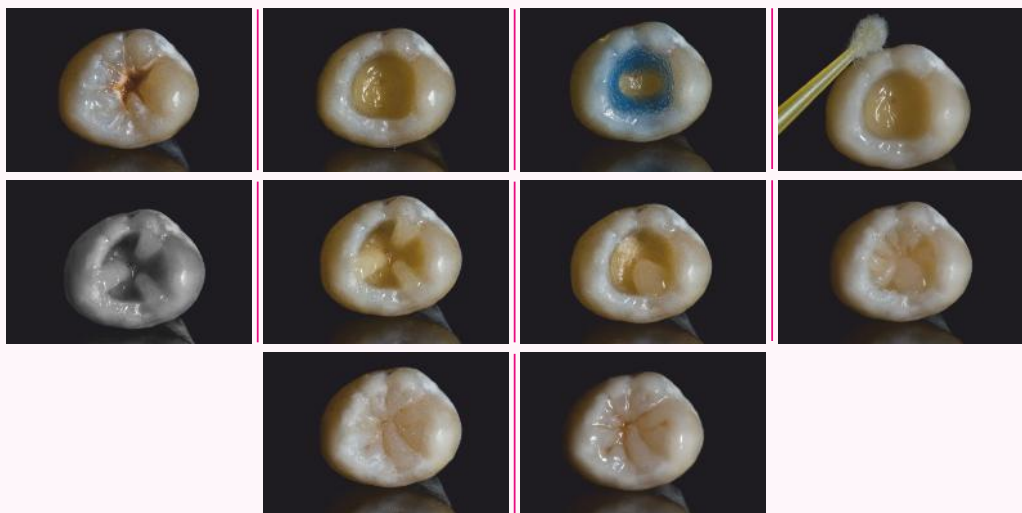


# CASE Study



Class IV restorations on maxillary lateral incisor (SOLARE **Sculpt** A3)

Case & Photo credit: *Dr. Mayur Davda, Mumbai*



Class I restorations on maxillary third molar (SOLARE **Sculpt** A2)

Case & Photo credit: *Dr. Mayur Davda, Mumbai*

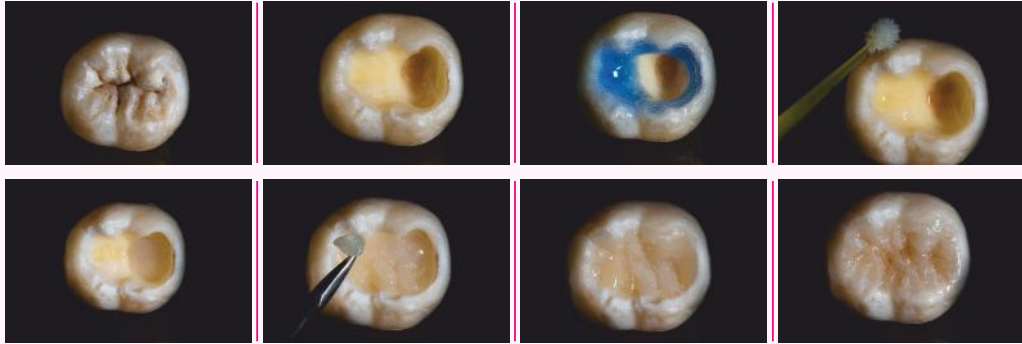


Lingual Pit restoration on maxillary lateral incisor (SOLARE **Sculpt** A2)

Class I restorations on maxillary first molar (SOLARE **Sculpt** A2)

Case & Photo credit: *Dr. Yash Kulkarni, Pune*

# CASE Study



Large Class I restorations on mandibular third molar (SOLARE **Sculpt** A3)



Restorations on maxillary on first molar (SOLARE **Sculpt** A2)



Long restorations on mandibular first molar (SOLARE **Sculpt** A2)



Class I restorations on mandibular first molar (SOLARE **Sculpt** A3)

Case & Photo credit: Dr. Mayur Davda, Mumbai

# SOLARE Flo

SOLARE Flo - an integral part of the **Sculpt** range of restorative materials. Because we believe that your restorations deserve the best foundation.



Featuring **high radiopacity** even at **low thickness**, excellent **handling** properties and optimal **durability**...

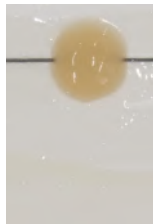
SOLARE Flo is the **perfect partner** for all your **packable composite restorations!**

## Optimal Viscosity for Lining

SOLARE Flo has a viscosity of a perfect flowable composite which ensures excellent adaptation without voids & wettability to the cavity walls.



SOLARE Flo\*



Tetric EvoFLOW\*\*

\*\*Tetric EvoFlow is not a trademark of GC.

## High Radiopacity

SOLARE Flo allows an easy diagnosis even at a thickness of only 0.5mm!



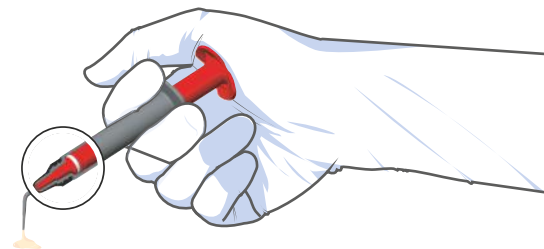
Radiopacity of enamel:  
190-210% Al

SOLARE Flo restoration:  
303% Al at 1mm and  
284% Al at 0.5mm thickness\*

Dr A. Coryn, Belgium

## Comfortable Application

This unique ergonomic syringe design with long & thin nozzle makes it possible to reach even the deepest of cavities



## Indications



Lining  
or base



Filling  
undercuts



Tunnel  
restorations



Fissure  
sealing



M.I.  
restorations



Class V  
restorations

# SOLARE Universal Bond



One bonding agent for  
**all etching modes**



Self-etch

Selective-etch

Total-etch

## Superior Bond Strength

The superior bond strength of SOLARE **Universal Bond** to enamel and dentine is attributable to its unique formulation. The dimethacrylate monomer in SOLARE **Universal Bond** increases its permeability into enamel and dentine compared to other adhesives, while the increased level of phosphate ester monomer optimises etching.

## HEMA Free for a Durable Bond over Time

SOLARE **Universal Bond** does not contain HEMA. This improves bond strength as water is not attracted to the area, which means there is no degradation of the collagen fibres.

## See and Feel the Difference

After preparation of SOLARE **Universal Bond** you can see a frosty, matte-like surface effect. The first layer of composite sticks nicely to SOLARE **Universal Bond**.



SOLARE **Universal Bond** creates a sticky, frosty, matte-like surface to aid in composite adhesion and manipulation.



Traditional adhesives leave a wet, glossy surface after light activation. Composites do not adhere well to the adhesive, making it hard to manipulate.



SOLARE Universal Bond



SOLARE Flo - A2, A3



SOLARE Sculpt - A1, A2, A3, A3.5

## GC Associates:

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## GC Partners:

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