

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



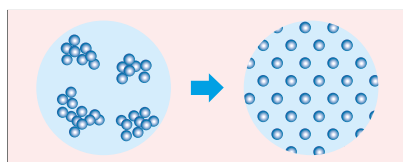
EXCELLENT GLOSS
finish that lasts

SELF POLISHING
and fast finishing

GC Innovative Nano-Filler Technology

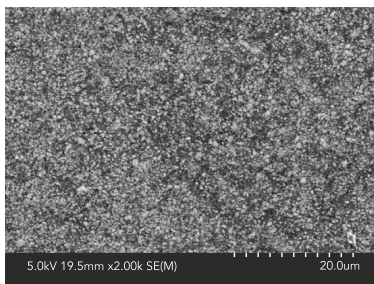
Sculpt is a material that clinicians can place with ease for beautifully adapted, finished, fast, aesthetic and tough composite restorations.

- 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.

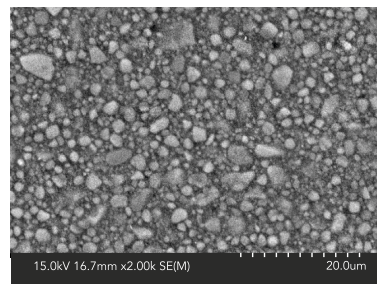


3M Nano-Filler
Technology

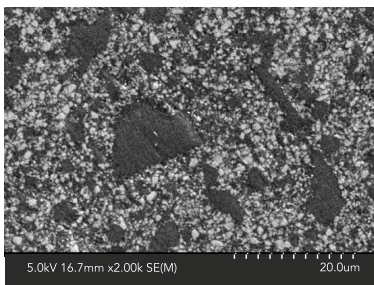
GC Nano-Filler
Technology



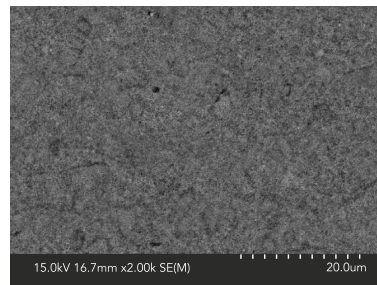
SOLARE Sculpt



Filtek Z350



Clearfil majesty ES-2

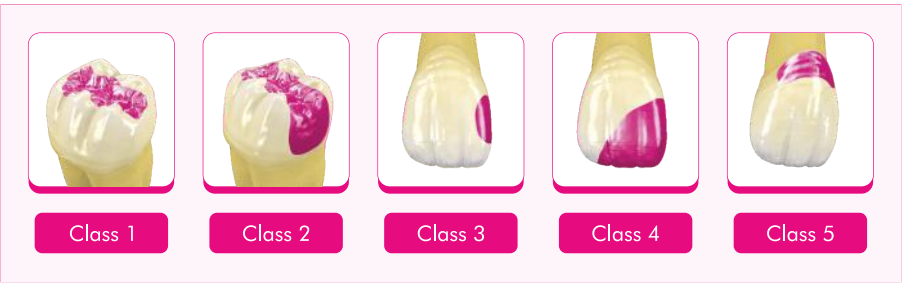


Estelite S Quick

Composite filler comparison SEM



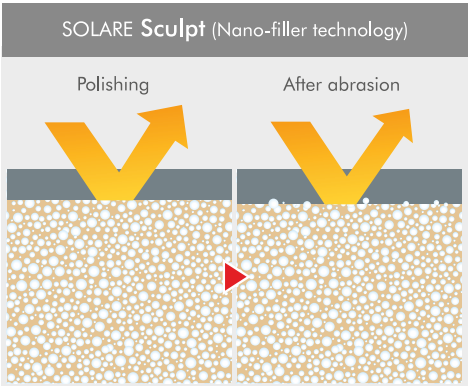
By providing versatility and a wide range of indications, **Sculpt** universal restorative is strong for posterior restorations and highly aesthetic for anterior work, preparing dentists for any clinical situation.



Unique Self-Polishing Ability & Manufacturing Innovation

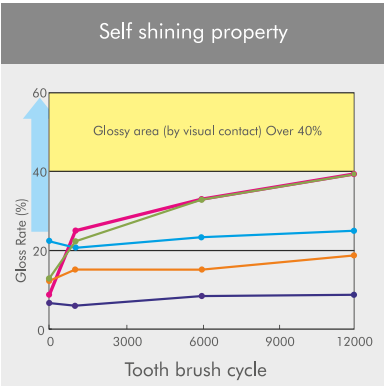
GC's ongoing commitment to research in highly wear resistant coatings has driven the innovation behind the new filler technology. With a filler weight of (79%) this unique world class technology delivers a flexible shade matching process, exceptional handling and long-term wear resistance.

Keeping up a Gloss



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

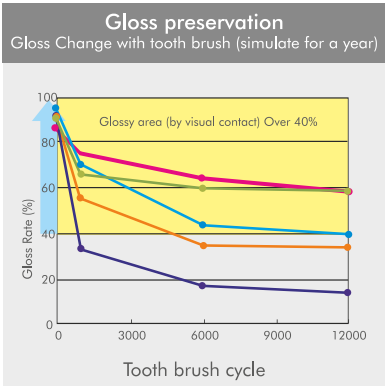
Self shining property



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)

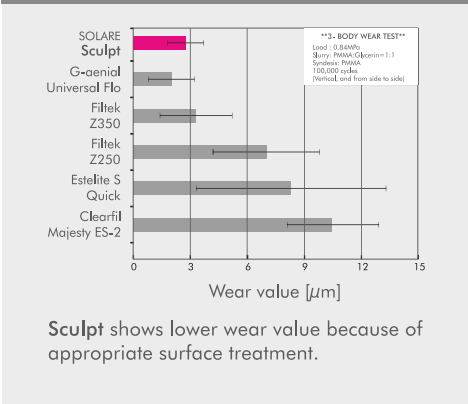


Polished surface of **Sculpt** maintains glossy effect after brushing. This feature is unique to **Sculpt**.



Wear resistance property

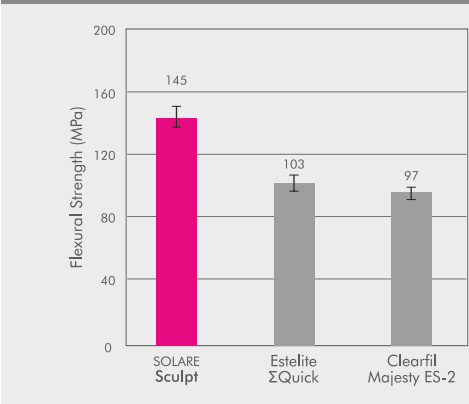
SOLARE **Sculpt** (Nano-filler technology)



Sculpt shows lower wear value because of appropriate surface treatment.

Superior physical property

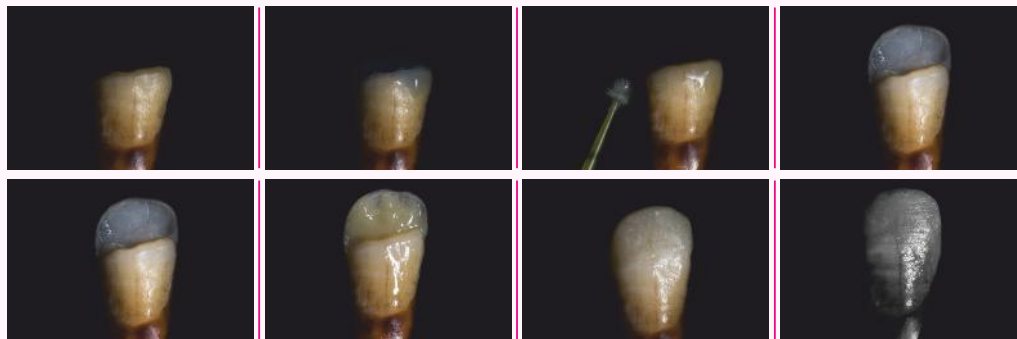
(Comparative Flexural Strength)



Sculpt shows higher strength than other products by placing importance on operability.

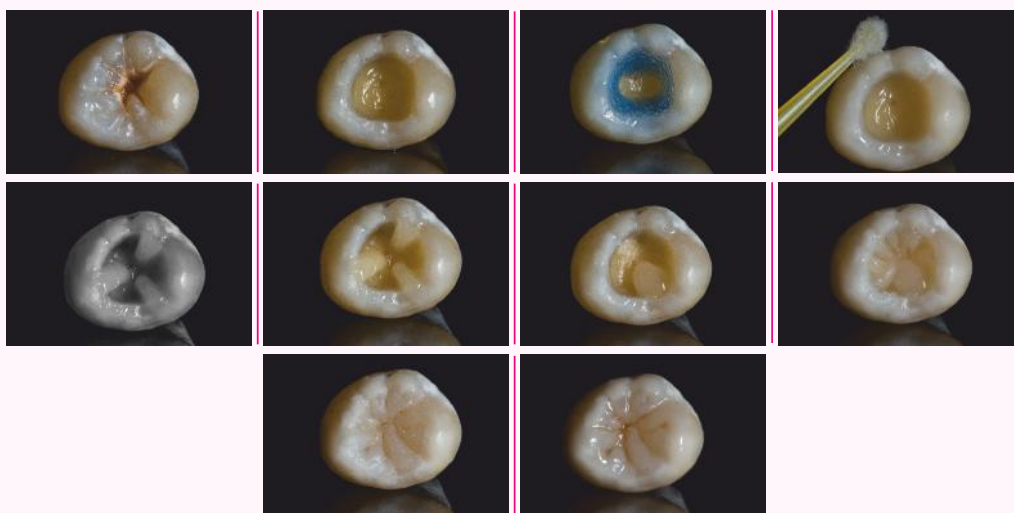
Effect of Nano-filler dispersion technology.

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

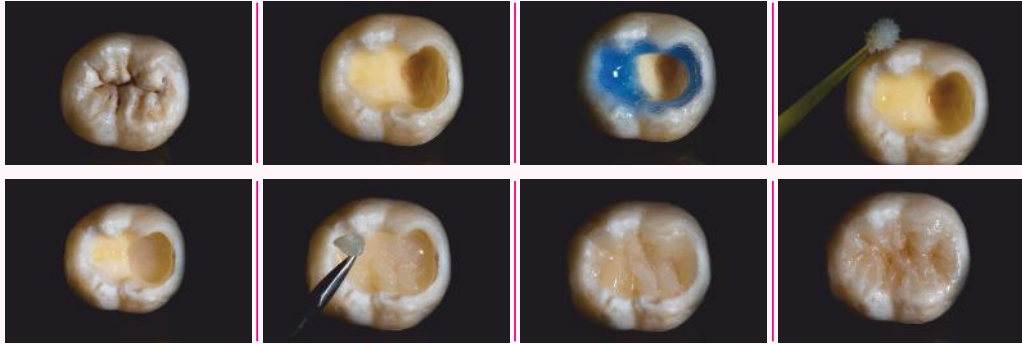


Lingual Pit restoration on maxillary lateral incisor (SOLARE **Sculpt** A2)

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!



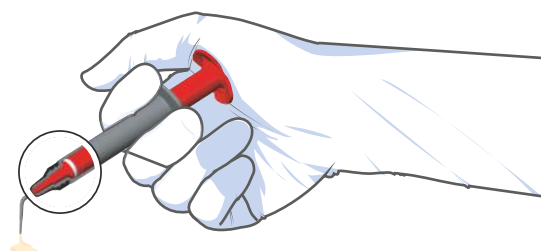
Radiopacity of enamel:
190-210% Al

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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