

OPTIGLAZE™ color

A light-cured characterisation coating for indirect composite and acrylic restorations.



OPTIGLAZE™ color is a revolutionary nano-filled, characterisation material developed specifically to add colour, surface gloss and high wear resistance to indirect composite and acrylic restorations including chairside-milled hybrid ceramic restorations, acrylic dentures, artificial teeth and PMMA type materials.

You can now change shades, create effects, shift value, characterise and glaze all your resin type prosthetics in no time at all.

Best of all, OPTIGLAZE™ color gives you beautiful aesthetic restorations that will last longer due to the superior wear resistance achieved from GC's innovative single dispersion nano-filler technology.



OPTIGLAZE™ color offers unique features:

- Ready to use, easy to handle and cuts out the polishing stage, saving you valuable time
- You can choose from a wide variety of colours to add natural gloss and brilliance, both for internal and external characterisation, leading to perfect aesthetics



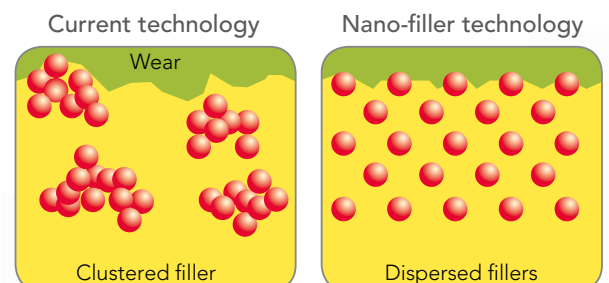
Milled CERASMART™



Milled CERASMART™ with OPTIGLAZE™ Color

Images: Dr Anthony Mak (Australia), Brad Grobler (Oral Dynamics NZ)

- On application OPTIGLAZE™ color's single dispersion nano-filler technology ensures a toughened 25-50 µm characterisation layer is formed to give your restorations beautiful, colour stable aesthetics and a long-lasting gloss with exceptional wear resistance.



With conventional filler technology the clustering of the particles readily occurs and the material can still be susceptible to wear.

With single dispersion nano-filler technology, the particles are evenly dispersed, offering higher wear resistance and a longer lasting gloss!



OPTIGLAZE™ color

LIGHT-CURED CHARACTERISATION MATERIAL

DIRECTIONS FOR USE

Surface characterisation

1) After contouring the resin surface, finish with a carbide bur or coarse silicone point. The oxygen inhibition layer must be removed as it inhibits the polymerisation of OPTIGLAZE color.

Laboratory use:

Sandblast with 25-50µm alumina (0.15MPa/1.5bar.), clean and dry.

Note:

- a) If surface still contains oil residue, the surface can be cleaned further with ethanol (alcohol.) The use of ethanol (alcohol) on acrylic resin may cause micro cracks. A mild detergent can be used to clean the acrylic resin.
 - b) When applying OPTIGLAZE color on hybrid ceramic blocks such as CERASMART, treat the surface using CERAMIC PRIMER II.
- 2) Shake the bottle of OPTIGLAZE color well. Dispense a few drops in a dispensing dish. Dilute by adding CLEAR to the desired shade. Apply a thin layer to the resin surface using the brush provided. Do not air blow.

3) Light-cure with a suitable light-curing device. (See table 1.) Place the light tip as close as possible to the surface.

Laboratory use:

Set a 2cm platform in the curing device and place the prosthesis on it with the coated surface facing the light. Reverse the prosthesis and repeat the light-curing to fully cure the undercut or area in shadow.

Repair of restoration (e.g. when the gloss is lost)

- 1) Roughen the surface of restoration using a carbide bur
- 2) Clean the surface with a steam cleaner or ultrasonic cleaner and then dry with oil free air.

Note:

If surface is contaminated by oil residue, the surface can be cleaned further with ethanol (alcohol). The use of ethanol (alcohol) on acrylic resin may cause micro cracks. A mild detergent can be used to clean the acrylic resin.

- 3) Apply OPTIGLAZE color CLEAR or CLEAR HV shade to the surface. Do not air blow.

4) Light-cure with a suitable light-curing device. (See table 1)

| Table 1: Light-curing time | | |
|--------------------------------------|---------------------------------|--------|
| GC LABOLIGHT LV-III, II | | 5 min |
| GC STEPLIGHT SL-I | Distance from light source <3cm | 10 sec |
| | Distance from light source >3cm | 20 sec |
| Halogen Light | | 40 sec |
| Plasma Arc | | 8 sec |
| LED Light (wavelength 400nm – 430nm) | | 40 sec |

| Table 2: Depth of cure | |
|--|--------|
| Orange, Yellow, Red Brown, Red | 0,07mm |
| A Plus, B Plus, C Plus, White, Ivory White, Pink Orange, Pink, Olive, Lavender, Grey, Blue | 0,15mm |
| Clear, Clear HV | 0,5mm |

Storage

Recommended for optimal performance, store at room temperature of 4-25°C (39.2-77.0°F). Shelf life: 3 years from date of manufacture.



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Kit contains

15 x 2.6ml bottles

Shades: A Plus, B Plus, C Plus, White, Ivory White, Yellow, Orange, Pink Orange, Pink, Red Brown, Olive, Lavender, Grey, Blue, Red

2 x 5ml bottles - Clear, Clear HV

Disposable dispensing dish

Flat brush

Round brush



GC Australasia Dental Pty Ltd
1753 Botany Road, Banksmeadow
NSW 2019, Australia

T: +61 2 9316 4499
F: +61 2 9316 4196
www.gcasia.info