

CHARISMA®

Instructions
for use



Universal light curing Microglass® composite, radio-opaque

Shades:

A1, A2, A3, A3.5, A4, B1, B2, B3, C2, C3, C4, D3, DB, OA2, OA3, OA3.5, OB2, Incisal, SL, SLO, SLT, YB

CHARISMA® is a lightcuring, fluoride-set and radio-opaque Microglass® composite. Due to the grain size of the glass filler the final polishing may easily be realized and in connection with adequate bonding systems it is meant for adhesive filling therapy.

Composition:

CHARISMA® is based on a BIS-GMA matrix and contains 64% filler (by volume), which is:

- Barium aluminium fluoride glass (0.02 - 2 microns)
- Highly dispersive Siliciumdioxide (0.02 - 0.07 microns)

Application:

- Fillings of the classes I - V according to Black
- Adjustments of shapes and shades
- Splinting of teeth which are traumatically loose
- Diastema closure
- Restorations of primary teeth
- Adjustments of developmental teeth defects (e.g. enamel dysplasia)

Kind of application:

In order to prepare the treatment it is recommended to clean the hard dental substance by means of a polishing paste which is free of fluoride. Prior to starting the treatment the shades should be selected by means of the attached colour scale as long as the teeth are still humid. The Heraeus Kulzer Plasma-coat instrument as well as devices consisting of Wironit or plastic are specifically suitable for the application.

1. Preparation of the cavity according to the general regulations of composite filling therapy. Then clean and dry the cavity. It is recommended to use rubber dam.
2. Prior to applying the filling material to the cavity the application of an adequate adhesive system is required (e.g. GLUMA® Comfort® Bond, GLUMA® Solid Bond, iBond® by Heraeus Kulzer). Avoid contamination of saliva.
3. Class I - II and V-cavities: Apply CHARISMA® to the cavity in thin layers (max. 2 mm) and adapt carefully to the cavity walls. In case of considerable discolourations cavity linings with CHARISMA® Opaque colours might become necessary.
4. Class III - IV-cavities: In case of anterior tooth cavities the setting-up of layers with an opaque nucleus often becomes necessary. CHARISMA® Opaque Colours are especially suitable for this purpose.
5. Polymerize CHARISMA® in thin layers (max. 2 mm) according to the table using a Translux light device. During polymerization a dispersive layer is built up at the surface which may not be touched or removed. It serves as connection of the following composite layer.

CHARISMA® Curing Depths

Colour	Period of Polymerization	Thickness of layers mm (Translux)
A1, A2, A3, A3.5, B1, B2, B3, C2, C3, D3 Incisal, SL, SLO, SLT	20 s	2.00
A4, C4, DB, OA2, OA3, OA3.5, OB2, YB	40 s	2.00

6. After polymerization CHARISMA® may immediately be processed and polished. For processing finishing diamonds, flexible discs, silicone polishing devices as well as polishing brushes and mops are suitable.
- During restorations requiring much time the operating light should temporarily be removed from the working area in order to prevent a premature curing of the composite.

Further precautions:

The periods mentioned in the instructions for use are minimum periods which should not be reduced in order to achieve the optimal filling quality.

In case of direct contact with dentin which is adjacent to the pulp irritations may not be excluded. In this case the dentin adjacent to the pulp must be locally covered by a calcium hydrate preparation as well as a cavity lining (e.g. glass ionomeric cement).

Do not use in connection with preparations containing eugenol because these may impede the curing.

Avoid contact with the skin! In case of contact with eyes rinse with plenty of water and seek medical advice if necessary.

Do not use the material after the expiry date. Do not store above 25°C/77°F. Keep out of direct sunlight. After the material has been applied from the syringe relieve it by a quarter turn of the plunger.

Delivery units:

Packing units:

Single packages as syringes or PLTs

Assortments as syringes or PLTs

as well as combinations with the current bonding systems of Heraeus Kulzer

Colour code with original material

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