

BRILLIANT EverGlow

Instructions for use

Definition

BRILLIANT EverGlow is a highly filled, radiopaque Universal Submicron Hybrid Composite and is available in universal, translucent and opaque shades.

Composition

Methacrylates
Dental glass
Amorphous silica
Zinc oxide

Technical Data

Complies with ISO 4049 Range of dimensions of inorganic

filler particles: 0.02-1.5 µm

Inorganic filler content by volume: 56 %

Inorganic filler content by weight: 74 %

Indications

BRILLIANT EverGlow universal shades Bleach (BL), A1 /B1, A2/B2, A3/D3, A3,5/B3, C2/C3 and A4/C4 are indicated for:

- Direct filling of class I,II,III, IV and V cavities
- Luting and repairing of ceramic and composite restorations (e.g. COMPONEER®)

BRILLIANT EverGlow translucent shades: Translucent (Trans) and Bleach Translucent (BL Trans) are indicated for:

- Shape and color corrections to enhance the individual esthetics
- Reconstruction of incisal edges - Luting and repairing of ceramic and composite restorations (e.g. COMPONEER®)

BRILLIANT EverGlow opaque shades: Opaque Bleach (OBL), Opaque A1 (OA1) and Opaque A3 (OA3) are indicated for:

- Aesthetic corrections (e.g. chroma deviations)
- Masking of dark areas
- Forming of a dentin core

Note: The masking ability is controlled by the thickness of the layer. To achieve an optimal blend-in effect, it is suggested to keep the total opaque shade layer thickness as small as possible and to cover it with universal shades.

Contra-indications

If allergic to components of BRILLIANT EverGlow. If the site cannot be isolated during application and curing of BRILLIANT EverGlow. If oral hygiene is poor.

Side effects

No systemic side effects are known. Contact-allergies with products of similar composition have been reported in isolated cases.

Interactions with other agents

Agents which contain eugenol may affect the polymerization of composites. The use of zinc oxide-eugenol cements in combination with BRILLIANT EverGlow should therefore be avoided.

Discolorations may occur when using cationic mouth rinses, plaque indicators or chlorhexidine.

Application

Cleansing and isolation

Cleanse the tooth to be treated and the adjacent teeth. Select color and create a dry working area.

Preparing the cavity

When preparing the cavity, every effort should be made to use a technique that is gentle to the tooth substance (principle of Adhesive Restoration Technique). Enamel edges in the anterior region are to be beveled. In the posterior region, only sharp enamel edges should be slightly beveled or rounded.

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Pulp Protection

A suitable pulp-protective liner should be applied in close proximity to the pulp, Procedure according to manufacturer's instructions for use.

Application of bonding agent

Apply the bonding agent (e.g. ONE COAT 7 UNIVERSAL), Procedure according to manufacturer's instructions for use.

Application of BRILLIANT EverGlow

Dispense material out of the syringe or tip and apply into the cavity by using the increment technique.

Polymerisation

BRILLIANT EverGlow can be cured using any light curing unit (e.g. S.P.E.C. 3®).

Maximum thickness of the layer and curing times:

shade	Thickness of the layer	≥800 mW/cm ²	≥1600 mW/cm ²
		exposure time	
universal shades Bleach , A1 /B1, A2/B2, A3/D3, A3.5/B3, C2/C3, A4/C4	2 mm	20 s	10 s
translucent shades Bleach Translucent, Translucent	2 mm	20 s	10 s
opaque shades Opaque Bleach, Opaque A1, Opaque A3	1 mm	20 s	10 s

Note: BRILLIANT EverGlow must be cured layer by layer. Do not remove the inhibition layer since this would affect adhesion between the layers. In the event of underexposure there is a risk of insufficient curing. BRILLIANT EverGlow is light-sensitive. Avoid continuing exposure to direct sun-light, especially the operation and/or sun-light.

Finishing

From coarse to fine with diamond finishers (40 µm and 15 µm) with a constant wiping motion and copious spraying with water.

For optimal polishing results COLTENE polishers are recommended.

Emergency measures

In case of direct contact with the oral mucosa, simply rinse with water. In the case with contact with the eyes, rinse thoroughly with water (10 min) and consult a ophthalmologist.

Notes

Only supplied to dentists and dental technicians or upon their instructions. Keep out of the reach of children!

Tips are for single patient use only. Recap composite syringes after use.

Shelf life and labelling

Expiry date and  identification can be found on the containers and the outer packaging.

Storage

Store at 4-23 °C / 39-73 °F

Avoid exposure to direct sunlight or heat sources.

Caution

Governmental law restricts this device to sale by or on the order of a dentist.