

Quadrant Anterior Shine

Quadrant Anterior Shine is a light-curing, fluoride releasing radiopaque micro hybrid, Bariumglass composite for the anterior teeth. Due to the ideal particle size of the glass filler it is polishable to a very high gloss; together with a universal bonding system (such as Quadrant UniBond or Quadrant Uni-1-Bond) it is indicated for high-quality aesthetic dentistry.

Composition

Quadrant Anterior Shine has a filler percentage of 63% by volume and 74% by weight. It contains:

- Bis-GMA
- acrylates
- organic fillers
- inorganic fillers

Indications

Restorations of class III, IV and V cavities, e.g.:

- reshaping
- shade correction
- direct veneer
- closing of diastema
- correction of development abnormalities (e.g. enamel dysplasia)

Interactions with other materials

Do not use in combination with eugenol containing restoratives, as these impair the polymerization.

Use of Quadrant Syringes

Turn the cap from the syringe. Turn the plunger clockwise to express material from the syringe. After use, turn the plunger back for 1/4 revolution to release the pressure from the material. When the syringe is empty, it can be thrown away.

Use of Quadrant Capsules

Place the capsule into the barrel of the Q-Gun. Remove cap from capsule. Syringe by squeezing the handle with a slow, steady pressure. Do not force. If capsule blocks, remove and replace with a new unit. Syringe by placing the tip at the bottom of the restoration, and fill from the bottom up. After use, remove the capsule and dispose of properly. The Q-Gun may be cleaned and sterilized by autoclave or dry-heat at temperatures not exceeding 140°C, or soak in an approved disinfectant solution.

Clinical procedure

1. Prepare the cavity according to the general directions for composite restorations. Clean and dry the cavity. The use of rubberdam is recommended. When restoring exposed root surfaces, a preparation may not be necessary.
2. Apply Quadrant UniBond or Quadrant Uni-1-Bond or an other universal bonding system as desired following the instructions for use for that product. Oxygen inhibited layer should remain intact.
3. Apply Anterior Shine in layers of 2 mm max. onto the cavity walls. Intensely discoloured teeth may require a block-out with an opaquer.
4. Cure Anterior Shine in layers of max. 2 mm with an appropriate curing light; the curing time is indicated below. During polymerisation, an oxygen inhibited layer develops on the surface. Do not touch or remove this layer, as it is essential for the chemical bond of the next Anterior Shine layer.
5. Quadrant Anterior Shine can be finished and polished with fine diamonds, flexible discs and silicon polishers.

To prevent premature setting of Quadrant Anterior Shine in cases that take more time, the operating light may be dimmed or turned away.

Shade	Polymerisation time per 2 mm (s)
A1, A2, A3, A3.5, A4, Dark Shade, B2, B3, C2, C4, D3, OA2, OA3.5, I, Bleach	40

Safety Advice

Quadrant Anterior Shine contains monomers capable of polymerisation (e.g. multi-functional (meth)acrylic acid ester), which may cause irritations in particularly sensitive individuals. If signs of such irritations appear or if allergies to methacrylate-based resins are known to exist, the product should not be used. Avoid skin contact. In the event of contact with the eyes or extended contact with oral mucous membranes, the affected area should be thoroughly rinsed with water. In case of contact with the eyes consult a doctor.

Storage advice

Do not store at temperatures higher than 25°C (77°F). Do not use this material beyond its expiry date. Avoid direct sun exposure. Close containers firmly after use and keep out of reach of children.

Produced in Germany

For dental use only.

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The application, use and processing of the products are beyond our control and, therefore, entirely your own responsibility. Should, in spite of this liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide consistent quality of our products within the scope of our General Conditions of Sale and Delivery.