

Instructions for use *Self-etching pit and fissure sealant*

Self-etching pit and fissure sealant is a light-cured highly flowable composite for sealing fissures.

Indications

- Fissure sealing
- Extended fissure sealing

Contraindications

- Do not use the material in cases of allergies to any of the components or in the event of contact allergies.
- Applying the material is contraindicated if dry isolation or the recommended application technique is not possible.
- Do not apply the material to the exposed pulp.
- Do not use the material on etched dentine.

Interactions with other materials

- Materials containing eugenol, moisture and oily air may inhibit polymerization at the contact area. Avoid materials containing eugenol, moisture and air containing oil!
- The use of cationic oral rinses, plaque indicators and chlorhexidine may lead to discoloration.

Side effects

Hypersensitivity to components of the material or contact allergies cannot be excluded in individual cases.

Basic safety information

- For dental use only!
- Keep out of the reach of children!
- Avoid contact with the skin! In the event of accidental skin contact, immediately wash the affected area thoroughly with soap and water. Wear suitable gloves.
- Avoid eye contact! In the event of accidental contact with the eyes, immediately rinse thoroughly with plenty of water and consult a physician if necessary.

Instructions for use

- Light units should have an output of 450 nm and should be checked regularly. The light intensity should be a minimum of 400 mW/cm². Observe the manufacturer's instructions for the light unit.
- Position the laboratory light-unit as close to the material as possible.
- Do not remove the oxygen inhibited layer because this is required for the bond with the next layer.
- When using *Self-etching pit and fissure sealant* in conjunction with other materials, follow the applicable manufacturer's instructions.

Recommended use

1. For extended fissure sealing, dilate particularly narrow and vial-shaped fissures.
2. Clean enamel with fluoride-free paste, remove all cleaning residue with water spray and dry the tooth with water-free and oil-free air. Allow the surface of the enamel to remain moist.

Note: No special separate etching and bonding step is required for the use of *Self-etching pit and fissure sealant*. However, prior to application, contaminations such as saliva, blood, eugenol or other substances must be removed from the surface of the tooth, since these substances can impair curing or adhesion. To do this, etch e.g. enamel for 15-30 seconds with 37% phosphoric acid gel, rinse for 15 seconds with water and dry with oil-free and water-free air. Allow the surface of the enamel to remain moist.

3. Apply the material onto the surface of the fissure or cavity wall with the aid of the Luer-Lock-Tips by pressing the sy-

ringe and massage a thin layer (≈ 0.5 mm) into the entire surface for 25 seconds using the brush.

4. Remove any excess, if necessary.
5. Light cure for 20 seconds.
6. Where necessary, use the material to build up layers with a maximum 2 mm layer thickness and light-cure for 20 seconds.

Note: It is not necessary to work in the individual layers a second time.

7. Check for occlusion and correct if necessary.

Disinfection

The brush holder is reusable after disinfection, although it should be replaced if visible signs of wear, e.g. scratches, appear. The brush holder can be disinfected using standard disinfectant solutions.

Technical Data

20 seconds: application of light	Curing with max. 2 mm layer thickness.
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Composition

Barium glass in a Bis-GMA-based matrix of dental resins. Pigments, additives, and catalysts. Filler content: 49 wt.% = 37 vol.%. The range of variation of the inorganic filler particles is between 0.02 and 2.3 μ m.

Storage

- Store in a dry place (15-25°C/59-77°F) at room temperature.
- Reseal syringes after use!
- Do not use after the expiration date!

Available product sizes

REF 2105	2 syringes @ 1 ml; shade opaque white
	20 Luer-Lock-Tips
	20 brushes
	1 brush holder