

INSTRUCTIONS FOR USE

CAITHEC PIT AND FISSURE SEALANT

1. PRODUCT DESCRIPTION

CAITHEC Pit and Fissure Sealant acts as a mechanical barrier. The product is composed of a light-curing thixotropic resin containing more than 58% in weight of inorganic fillers, along with a fluorine releaser. It is indicated for use in deciduous and/or permanent posterior teeth, preventing the appearance of tooth decay.

2. PRESENTATION

Syringe containing 3 g.

3. COMPOSITION

Methacrylate monomers, inorganic filler, sodium fluoride, initiators and co-initiators.

4. INDICATION OF USE

CAITHEC Sealant is indicated for sealing pits and fissures in posterior teeth with complex geometries. Preventing the accumulation of food waste in newly erupted teeth or in patients with high cariogenic activity. Its effective application creates a protective barrier, reducing the risk of cavities in these hard-to-reach places. The use of sealant is recommended to ensure oral hygiene and preserve the health of the affected teeth.

5. ACTION

CAITHEC Pit and Fissure Sealant is classified as an invasive, non-surgical medical product, applied through one of the body's orifices (oral environment) for prolonged use, remaining more than 60 minutes in contact with the environment.

6. CONSERVATION/STORAGE

- Keep the product in its original packaging always closed.
- Protect it from direct sunlight.
- Store it in a dry place at room temperature (5°C to 28°C).

7. INSTRUCTIONS FOR USE

- a. Clean and perform the prophylaxis of the occlusal surface, including pits and fissures, after washing and drying.
- b. Isolate the quadrant to be sealed with a rubber sheet or other suitable method of isolation.
- c. Apply ATACKTEC 37% Phosphoric Acid Etching Agent over the entire region to be sealed and let it act for 30 to 60 seconds. For deciduous teeth, this time can be increased by up to 90 seconds.
- d. Wash the area with plenty of water until the ATACKTEC 37% Phosphoric Acid Etching Agent is removed, using the high-power saliva sucker and water/air spray for at least 15 seconds and air dry it.
 - The correct etching of the enamel will be confirmed when a matte and whitish aspect is observed. If any area does not look like this, repeat the procedure for another 15 to 20 seconds.

- Remember that a dry area is essential for successful sealant application, so prevent tongue, soft tissue, saliva or blood from coming into contact with the etched surfaces, if this contamination occurs, repeat the procedure.

e. Attach the applicator tip carefully to the syringe barrel and test the material flow away from operative field.

f. Dispense the sealant directly onto the occlusal surface to be sealed and, with the aid of a brush, extend the sealant to the middle of the inclined planes of the cusps, avoiding areas of occlusal interference.

g. Light cure each sealed surface for 20 seconds.

h. Before removing the insulation material, examine all surfaces to assess the degree of coverage, if necessary, apply a small amount of sealant extending to neighboring areas and light cure for an additional 20 seconds.

i. After removing the insulation material, make sure there are no occlusal interferences, if there are any interferences, proceed with the occlusal adjustment.

8. CONTRAINDICATIONS

- If sensitization or other allergic reaction occurs when starting application, discontinue its use.

9. WARNINGS

- For professional use only.
- Dentists and assistants should wear protective gloves and goggles when applying the product.

10. SPECIAL CARE

- In case of contact with the eyes, rinse them immediately and abundantly with water and seek medical assistance.
- Always check if the applicator tips are correctly attached to the body of the syringe and avoid sharp angles in the application so as not to obliterate the cannula of the applicators.

11. MANIPULATION

- Aseptic environment.

12. INTERACTIONS

- No interactions.

