

INSTRUCTIONS FOR USE

CAITHEC SILANE Bonding Agent

1. PRODUCT DESCRIPTION

CAITHEC Silane - Bonding Agent is a colorless liquid with a characteristic alcohol aroma. This product is widely used by professionals in the dental field as a primary bonding agent in resin, cementation and fiberglass post fixation procedures, among others.

2. PRESENTATION

Bottle containing 6 mL.

3. COMPOSITION

Silane, ethyl alcohol, purified water and acetic acid.

4. INDICATION OF USE

Product indicated to promote chemical adhesion between organic materials, adhesives containing methacrylic monomers and inorganic materials, such as composite resin, ceromers, ceramics and fiberglass posts.

5. ACTION

CAITHEC Silane contains bifunctional binding molecules, where each end reacts with different surfaces, that is, the organo-functional radicals polymerize with the organic matrix and the silico-functional radicals bind to the silica of the prostheses or posts.

6. CONSERVATION/STORAGE

- Keep the product in its original packaging always closed.
- Protect it from direct sunlight.
- Store the product at temperatures between 5°C and 28°C.

7. INSTRUCTIONS FOR USE

a. Ceramic repairs with composites:

- Perform the prophylaxis of the surface to be prepared with pumice stone and water, then dry and isolate it.
- Remove friable edges and grind it down with diamond burs.
- Apply CAITHEC porcelain etching agent to the surface for the time recommended by the manufacturer.
- Wash thoroughly and dry it completely.
- Apply CAITHEC Silane with a brush, wait for 1 minute and apply it again.
- Wait for 1 more and lightly air dry it.
- Apply CAITHEC dentin bonding agent and proceed with light curing.
- Repair with a composite adapting it to the margins avoiding overcontour.

b. Ceramic repair:

- Perform the prophylaxis of the surface to be prepared with pumice stone and water, then dry and isolate it.
- Remove friable edges and grind it down with diamond burs.
- Apply CAITHEC porcelain etching agent to the surface for the time recommended by the manufacturer.
- Wash thoroughly and dry it completely.
- Apply CAITHEC Silane with a brush, wait for 1 minute and apply it again.

- Wait for 1 more and lightly air dry it.
- Apply CAITHEC dentin bonding agent and proceed with light curing.
- Join the two parts with slight pressure and light cure them as instructed.
- If there is a lack of ceramics, rebuild the fractured area with composite.

c. Cementation of indirect restorations with resin cements:

- Prepare the dental surface according to the recommended technique for the cementing agent.
- Condition the entire internal surface of the restoration with CAITHEC porcelain etching agent for the recommended time. After that, wash and dry it carefully.
- Apply CAITHEC Silane with a brush, wait for 1 minute and apply it again.
- Air dry it lightly.
- Cement the fragment into the gap with CAITHEC Dual Universal Resin Cement according to the instructions.

d. Cementation of fiberglass posts:

- Clean the CAITHEC fiberglass post with alcohol, then dry air it.
- Dispense CAITHEC Silane over a disposable brush or applicator.
- Apply a thin layer of CAITHEC Silane on the surface of the post, wait for 1 minute, and dry it with light jets of air.
- Light curing is not necessary.
- Cement the post with CAITHEC Dual Universal Resin Cement according to instructions.

8. CONTRAINDICATIONS

- Contraindicated for people with reported sensitivity to any of the components of the product.

9. WARNINGS

- Do not use it after the expiry date.
- Keep out of reach of children.
- Flammable product.
- Exclusive use of the dentist.

10. SPECIAL CARE

- Avoid contact with eyes, skin and oral tissues.

11. MANIPULATION

- Aseptic environment.

12. INTERACTIONS

- No interactions.

