

## INSTRUCTIONS FOR USE

# CAITHEC 10% PHOSPHORIC ACID ETCHING AGENT Porcelain

### 1. PRODUCT DESCRIPTION

CAITHEC Porcelain Acid Etching Agent is a low viscosity gel containing 10% hydrofluoric acid. It is indicated for use as an etching agent in procedures related to dental porcelain. Its formulation has affinity for water, which facilitates its removal after etching. The product is dyed for easier control during application.

### 2. PRESENTATION

Syringe containing 2.5 mL.

### 3. COMPOSITION

Hydrofluoric acid, purified water, carbomer and dye.

### 4. INDICATION OF USE

CAITHEC Porcelain Etching Agent is recommended for the acid etching of all-ceramic prostheses, for cementation with CAITHEC resin cements. It is also indicated for etching ceramic fragments, aiming at bonding or repair with composite resins. It promotes increased porcelain strength and adhesion.

### 5. ACTION

CAITHEC Porcelain Etching Agent is a hydrofluoric acid-based gel that applied to dental porcelain promotes deep and extensive penetration on their surface, providing better adhesion of dental porcelain to the resinous materials used for cementation.

### 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. Cementation of indirect restorations or dental veneers with resin cements:

- Prepare the dental surface according to the recommended technique for the cementing agent.
- Promote the acid etching on the entire internal surface of the restoration or dental veneer with CAITHEC Porcelain Etching Agent for the time recommended according to classification of the material.
- Wash and dry it carefully.
- Apply CAITHEC Silane on the etched surface with a brush, wait for 1 minute and apply a new layer.
- Apply CAITHEC resin cement according to product instructions.

#### b. Ceramic repairs with composites:

- Remove friable edges and grind down the surface with diamond burs.
- Etch the surface with CAITHEC Hydrofluoric Acid for the recommended time according to the material classification.
- Wash and dry it completely.
- Apply the bonding agent to the etched surface with a brush, wait for 1 minute and apply a new layer.
- Apply the selected Universal CAITHEC Dentin Bonding Agent and light cure it according to the manufacturer's instructions.

- Repair it with a composite adapting it to the edges avoiding overcontour.

#### c. Ceramic/ceramic repairs:

- Etch the surface with CAITHEC Hydrofluoric Acid for the recommended time according to the material classification.
- Wash and dry it totally.
- Apply the bonding agent to the etched surface with a brush, wait for 1 minute and apply a new layer.
- Apply the selected Conventional CAITHEC Dentin Bonding Agent and light cure it according to the manufacturer's instructions.
- Bring the two parts together with slight pressure and light cure them according to the manufacturer's instructions.
- If there is a lack of ceramics, rebuild the fractured area with composite.

#### d. Porcelain etching agents time differs according to material classification:

- Feldspathic porcelain: etch for 1 to 2 minutes.
- Glass ceramics: etch for 1 minute.
- Pressed/Injected: etch for 30 seconds.

### 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.
- Do not use in the oral cavity.
- Exclusive use of the dentist.

### 10. SPECIAL CARE

- Avoid contact with skin, oral tissues and eyes, if this occurs wash immediately with running water.

### 11. MANIPULATION

- When handling the product, the professional must wear protective gloves and goggles.
- Dispose of the product in accordance with the country's current legislation.

### 12. INTERACTIONS

- No interactions.

