



Porcelain Ceramic Repair System

DSI Cera-Fix

INSTRUCTIONS FOR USE

PURPOSE

Cera-Fix Etching set is used for preparing porcelain veneers, inlays and fractured porcelain teeth for bonding. **Cera-Fix Porcelain repair kit** contains all the products needed for composite-to-porcelain, porcelain-to-metal, and porcelain-to-porcelain repairs.

INDICATIONS

- Conditioning of the ceramic veneers and glass-fiber posts.
- Surface preparation for optimal bonding of the porcelain veneers.
- Aesthetic repair of fractured porcelain crowns.
- Surface preparation of porcelain crowns and inlays prior cementation.

FEATURES

Cera-Fix Porcelain Etching: Based on 9% hydrofluoric acid. Specifically designed to etch fractured dental porcelain, such as veneers, crowns, inlays. Can also be used in orthodontics for etching porcelain crowns before bonding.

Cera-Fix Protective Dam Gel: A buffered, gelled acid barrier/neutralizer protects soft tissues and adjacent restorations by neutralizing acid etchants upon contact. The bright orange color provides high contrast against tissues and acid etchants.

Cera-Fix Primer Adhesive: Universal light-cured bonding with an ethanol solvent carrier. Ideal for direct and indirect bonding procedures and repairs of composite, metal, zirconia and porcelain restorations.

Cera-Fix Opaque Masking: Light-cured, methacrylate-based, composite pigment, with an average particle size of 0.7µm and a low film thickness. It is strong and wear resistant and is effective at masking metal surfaces and natural dentine color imitations.

INSTRUCTIONS FOR USE

Direct Pulp Capping:

1. Isolate the field of operation.
2. Clean the surface to be etched with abrasive paste (**DSI Diamond Paste Coarse**) and removed the glaze surface by fine diamond bur or 50mk aluminum oxide sandblasting. Rinse and air-dry.
3. Apply a thin layer of the **Protective Dam Gel** on the mucosa and the restoration surrounding area to protect from the acid implant.

4. Apply **Porcelain Etching** on the chipped surface. Leave undisturbed for 180 sec.
5. Blend the **Protective Dam Gel** with the acid, suction, rinse & dry.
6. Etched porcelain should have a frosted white appearance. Repeat if the surface does not appear frosted.
7. Using the micro-brush applicator, apply the silane **Primer Adhesive** and allow it to evaporate for 20 sec. Air dry if needed.
8. Preparation should receive a shiny appearance. Light cure for 20 sec.
9. For surfaces with exposed metal, apply a thin coat of **Opaque Masking**. Light cure for 40 sec. More than one layer might be needed for a full metal concealing – repeat if necessary.
10. Complete the restoration using composites and techniques of your choice.

Important: to avoid inhalation of irritating **Porcelain Etching** vapors, hold the vacuum in close proximity to the area being prepped.

STORAGE

Store in a dry and dark place in tightly closed containers at temperature (+5°C...+25°C).

Resins should be refrigerated for long-term storage to maintain shelf life.

Replace the cap immediately after use. Avoid contact with moisture!

After opening, keep only in original container.

Do not use after the expiry date mentioned on the outer package.

PACKAGING

Cera-Fix Porcelain Repair Kit contents:

Porcelain Etching bottle, 5ml
Primer Adhesive bottle, 5ml
Protective Dam Gel prefilled syringe, 5ml
Opaque Masking syringe, 3ml
Applicator needles, 10pcs
Mixing Accessories

Ref: CFX-KIT

Cera-Fix Etching Mini Kit contents:

Porcelain Etching Gel prefilled syringe, 5ml
Protective Dam Gel prefilled syringe, 5ml

Ref: CFX-MINI

SYMBOLS



Consult instructions for use



Caution, consult accompanying documents



Temperature limit



Keep away from sunlight



Keep dry



Manufacturer



Catalogue number



Batch code



Use by



Date of Manufacture

Failure to comply with the conditions of storage leads to a change of the working characteristics of the material and decrease the shelf life of the material.

The manufacturer is not responsible for any loss of quality caused by the failure to comply with terms of transportation, storage and use established by the manufacturer for this product. Responsibility for the use of the material for purposes other than those specified by the manufacturer falls on the user.