

QualiSense ETCHING GEL

Thixotropic gel containing 37% phosphoric acid

Instructions for Use

ETCHING GEL is a 37% phosphoric acid gel for enamel and dentine with an excellent thixotropy.

Delivered in syringes (2ml or 5ml) with very thin disposable application cannulas it can be applied very easily and safely on only that areas that are really desired to be etched.

Indications

Enamel etch or total etch technique for:

- Composite restorations
- Sealing of fissures
- Adhesive cementation of inlays, onlays, crowns and bridges (with suitable composite-cement systems)

Warnings

ETCHING GEL contains phosphoric acid and is corrosive. Avoid contact with eyes, skin and oral mucosa (safety glasses are recommended for both patients and dentists). After contact with eyes immediately rinse with copious amounts of water for at least **15 minutes** and consult a physician/ophthalmologist.

After skin contact immediately rinse with soap and water.

Side effects

Irritations resulting from direct contact with the pulp cannot be ruled out. For pulp protection areas close to the pulp should be covered with a thin layer of calciumhydroxide material (e. g. CH LINER).

Preparation of ETCHING GEL syringe

Screw off the screw cap and substitute by the application needle. Store the screw cap!

Note:

The application needle might be bend in a slight arc, if desired, to facilitate application.

Handling precaution:

Squeeze out the first small drop on a pad to ensure proper handling and prevent «shooting» out of the etching gel by entrapped air.

Application of ETCHING GEL

Apply ETCHING GEL onto the enamel and dentine surfaces beginning with the enamel bevels. Condition the enamel for at least **15 seconds** and the dentine for **15 seconds**. (This results in 20–30 seconds etching of enamel and 15 seconds of dentine). Deciduous teeth are etched correspondingly longer. Rinse for **20 seconds** with water. Dry it in a water-free and oil-free airstream, but do not desiccate. The etched enamel bevel should have a chalky white appearance.

Etching precaution

It is essential, that etched areas are not contaminated by anything. If contamination occurs, re-etch, rinse with water and dry as above. Avoid etching gel contact with oral soft tissues, eyes and skin. If accidental contact occurs, flush immediately with copious amounts of water.

After use replace disposable application cannula by the screw cap. Discard used application cannula. Application cannulas are for single use only due to hygienic reasons.

Application of Adhesive

Apply the adhesive of your choice (e.g. ADHESIVE T1) using a brush on the etched saliva-free enamel and dentine surfaces according to the instructions of the manufacturer.

Restorative placement, cure and finishing

Refer to manufacturer's instructions for placement, curing and finishing of restorative materials.

Storage

Do not store above 25 °C (77 °F).

Do not use after expiry date.

Warranty

DS Dental Supply GmbH warrants this product will be free from defects in material and manufacture. DS Dental Supply GmbH makes no other warranties including any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining the suitability of the product for user's application. If this product is defective within the warranty period, your exclusively remedy and DS Dental Supply GmbH's sole obligation shall be repair or replacement of the DS Dental Supply GmbH product.

Limitation of Liability

Except where prohibited by law, DS Dental Supply GmbH will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability.

Keep away from children!

For dental use only!