

NANO-HYBRID LIGHT CURE RESTORATIVE COMPOSITE FOR ANTERIOR AND POSTERIOR USE.

CLEANING

Since cleaning and etching may cause distinct changes in the natural colour of the tooth the selection of the appropriate colour should be done prior to the cleaning and etching of the tooth. Perform a prophylaxis upon surface of the enamel to be etched, using water and pumice. You should use a prophylactic paste that contains no acid or fluorides. The soft portions of dentine and all decay should be removed. Isolate the tooth with a rubber dam or a roll of cotton. Put a protective base of **tg**varnish or calcium hydroxide.

ETCHING

Apply the etching solution/gel over the prepared area of the enamel for a minute using a brush or pledget of cotton. In addition to the walls of the enamel, at least 2mm of all adjacent surfaces should be etched. Apply the etching generously with a dabbing motion rather than with a rubbing motion during the total etching time to produce a visible coat of etching. If the cleaning is correct, the etched area should have a white opaque appearance. If this opacity is not observed the above etching procedure should be repeated. A matrix strip is convenient, always rinse and dry thoroughly after etching.

BONDING

Apply a fine layer of **tg**bond bonding agent over the etched dentin/enamel using a brush holder and a new brush. Place the **tg**nanohybrid Light Cure Composite in the cavity.

RESTORATION.

Withdraw a suitable quantity of composite; apply the composite in layers of no more than 2mm thick. To thicken and cure the composite expose to a visible light source, continue this procedure until the desired thickness is obtained. Ensure that each layer is cured separately, and expose the total restoration to a further 60 seconds of light. High intensity light will require less time to cure the material so you should test to find the exposure time suitable for your type of light.

FINISHING.

A smooth surface can be obtained by using strips of aluminium oxide paper and disc ranging from coarse to super fine. You can polish using the conventional method for acrylics.

PRECAUTION.

The etching gel/solution contains a 37% phosphoric acid solution, which can be harmful to skin and eyes, in case of contact, rinse the eyes or skin immediately in plenty of water and seek medical assistance for appropriate treatment.



TECHNICAL & GENERAL Ltd. WARNINGS

Intention for use in High aesthetic restorations filling teeth cavities.

Composition:

Crystalline and fumed silicon dioxide
Bis-gma
Stabilizer
Photo initiators.

The nano hybrid light cure is not irritable to the skin. In case of contact with the eyes, wash immediately with abundant water for at least 15 minutes and if the irritation still persist consult a doctor. In case of contact with skin wash the area with soap and water. In case of inhalation clean the nose with water and seek medical assistance. Before the use of these products always use rubber dam.

Some patients can present allergy to the nano hybrid light cure or any of its components. In this case stop its use. Do not store at temperature above 24°C. Close the packages immediately after dispensing of the product.

Keep out of reach of children.
For professional dental use only.

Contraindication: The material must not be used when the application techniques described are not possible.

Warranty: Technical & General Ltd. Warrants the product against any fault of manufacture of the material. Technical & General Ltd., does not take responsibility for the misuse of the product out of the intention for use specified or out of the instructions for use, or out of the precautions, the warnings, and indicated contraindications. Being the only obligation is the replacement of the defective product.

Information: Post-production:

If the use of these products on a patient or any one else causes some anomaly, please send detailed report to Technical & General Ltd.



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NO REFRIGERATION NECESSARY