

LIGHT CURE COMPOSITE GINGIVAL RESTORATIVE

Complies with ISO 4049

DIRECTIONS FOR USE

FEATURES:

An advanced light-curable radiopaque restorative material indicated for restoring cervical defects as well as to cover receded gum. Contains a high level of fluoride.

INDICATIONS:

- Class V restorations (Cervical caries, root caries, wedge shaped defects).
- Covering of exposed or discoloured necks of teeth.
- Restoration of aesthetic appearance of gingival areas.

PRECAUTIONS:

1. Do not expose patients or users known to be allergic to this type of material and/or methacrylate monomers.
2. Do not use eugenol containing materials since these might inhibit polymerisation or adhesion of the material.
3. If any eruption or skin inflammation occurs on a patient when using this product, immediately discontinue use and have the patient seek medical advice.
4. Avoid contacting soft tissues, skin or eyes. In case of contact, blot immediately with an alcohol moistened cotton ball and rinse with copious amounts of water and seek medical advice.
5. Wear dental protective gloves, however some monomers can penetrate through gloves. Therefore, should this material contact the gloves, immediately remove them and wash hands with plenty of water.
6. Wear UV protective glasses when light curing.
7. This product has been formulated for use in dentistry and is intended for use by dental professionals only.

APPLICATION:

1. Thoroughly clean the tooth surface to remove plaque.
2. Select appropriate shade using a shade guide while the tooth is still moist.
3. Prepare the cavity in the conventional way. In case of non-cariou defects, roughen the tooth surface to enhance mechanical and chemical bond. Use AHL Generic Gingival Retraction Paste where necessary.
4. Use a rubber dam etc. to isolate the restoration site
5. In case of pulp exposure or deep cavities with close proximity to pulp, cap with calcium hydroxide etc.
6. Apply the bonding agent according to the manufacturer's directions. AHL Generic Etch Gel & Bonding Agent is recommended (code: 071X1 & 250X1).
7. Dispense the required amount of material from the syringe onto a paper pad. Always replace the syringe cap after use.
8. Place the dispensed material into the cavity or tooth surface and contour to desired shape with a suitable instrument. For deeper application, place material in 1.5mm or less increments.
9. After placing and contouring the restoration, cure with a light unit (halogen lamp) for 40 seconds. In cases where the restored area is large, light-cure in segments. Light cure the entire surface of the restoration.
10. Specifications of light curing units recommended for this material and their standard curing time are contained in the table below.

Light-curing unit	Halogen	LED
Light-curing time	40 sec.	20 sec.
Wavelength	400-500nm	440-490nm
Light Intensity	500 mW/cm ² or more	1000 mW/cm ² or more

11. After curing, remove excess material with abrasive stones and points and then polish.

STORAGE:

Keep away from direct sunlight and store at room temperature (1 - 30°C). Allow to equilibrate to room temperature before use. Hold the syringe securely while removing the cap. Any dispensed paste should be shielded from ambient light prior to placement to avoid premature polymerisation of the material.

BATCH CODE:



The batch code gives an open date of manufacture in month, year, day format with a numerical suffix to uniquely identify the batch of material. Please quote this batch number in all correspondence.



The expiry date is shown in year, month format. Do not use the product after this date.

PRODUCT STRUCTURE:

Filler: Multifunctional filler including micronised fluoroboroaluminosilicate glass.

Filler Loading: 81.5wt%

Particle Range: 0.01 to 5.0µm – Mean Particle Size: 1.0µm

Base Resin: Bis-GMA/TEGDMA Resin

SHADE RANGE: G-DP (G-Dark Pink), G-LP (G-Light Pink), G-Br (G-Brown).

SPECIALLY FORMULATED FOR USE IN DENTISTRY

- REF: 316X1DP - Light Cured Gingival Restorative - 4g Syringe - Dark Pink
 316X1LP - Light Cured Gingival Restorative - 4g Syringe - Light Pink
 316X1B - Light Cured Gingival Restorative - 4g Syringe - Brown

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Advanced Healthcare Ltd operate a policy of continuous monitoring and improvement of our products. If you have any comments about this product, please contact us at the above address stating the batch number shown on the packaging.

Caution: U.S. Federal Law restricts this device to sale by or on the order of a dental professional.