

## LIGHT CURE FLOWABLE COMPOSITE RESTORATIVE

Complies with ISO 4049

### DIRECTIONS FOR USE

#### FEATURES:

An advanced radiopaque flowable composite for aesthetic restoration. The material has excellent handling based on flow properties (low flow type and high flow type) and excellent aesthetics by controlled light diffusion. Contains a high level of fluoride.

#### INDICATIONS:

- Minimally invasive cavity restoration.
- Anterior restorations such as class III and class V involving cervical caries, wedge-shaped defects.
- Small posterior restorations such as class I and class II without occlusal stress bearing.
- Deciduous restorations.
- Development teeth defects like enamel hypoplasia restorations.
- Preventive restoration (pit & fissure sealant).
- Base / liner under restoration.
- Undercut blockout.
- Additional or marginal filling and recontouring after composite resin restoration.
- Colour adjustment on the surface of composite resin restoration and discoloured teeth.
- Direct composite resin laminate veneer.
- Cementation of laminate veneer.

#### PRECAUTIONS:

1. Do not expose patients or users known to be allergic to this type of material.
2. If any eruption or skin inflammation occurs on a patient when using this product, immediately discontinue use and have the patient seek medical advice.
3. Avoid contacting soft tissues, skin or eyes. In case of contact, rinse immediately with copious amounts of water and seek medical advice.
4. If a cavity is deep, protect with a pulp capping agent. (N.B. Do not use an eugenol containing liner).
5. Wear UV protective glasses when light curing.
6. This product has been formulated for use in dentistry and is intended for use by dental professionals only.

#### APPLICATION:

1. After cleaning the tooth surface and while the tooth is still moist check the shade.
2. Prepare the cavity in the conventional way, If the pulp is exposed or is close to the restoration, then a calcium hydroxide liner should be used.
3. Apply the bonding agent according to the manufacturers directions. AHL Generic Etch Gel & Bonding Agent is recommended (code: 071X1 & 250X1) for use in cavities.
4. Dispense the required amount of material from the syringe using a clean needle tip. Always replace the syringe cap after use.
5. After placing and contouring the restoration, cure with a light unit (halogen lamp) for 30 seconds. Light cure the entire surface of the restoration. Curing times may change according to shade and depth of the cavity. For deep cavities the layering technique is recommended. Select the light curing time in the table below.

Shade	A2, A3T	A1, A3, G	A3.5, A4, A3O
Clinical Depth Of Cure	3.0	2.5	2.0

(The above values are measured in mm for 30 seconds, cure by a halogen light)

6. 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).

#### 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: 54 wt%

Particle Range: 0.01 to 2.0µm – Mean Particle Size: 0.8µm

Base Resin: Bis-GMA/TEGDMA Resin

**SHADE RANGE:** (5 of which correspond to \*VITA Lumin® and Vintage Halo® Porcelain)

A1, A2, A3, A3.5, A4, A3O (Opaque A3)

#### SPECIALLY FORMULATED FOR USE IN DENTISTRY

REF: A1	RM390X - Low Flow 2g Syringe A1	RM396X - High Flow 2g Syringe
A2	RM391X - Low Flow 2g Syringe A2	RM397X - High Flow 2g Syringe
A3	RM392X - Low Flow 2g Syringe A3	RM398X - High Flow 2g Syringe
A3.5	RM393X - Low Flow 2g Syringe A3.5	RM399X - High Flow 2g Syringe
A4	RM394X - Low Flow 2g Syringe A4	RM400X - High Flow 2g Syringe
A3O	RM395X - Low Flow 2g Syringe A3O	RM401X - High Flow 2g Syringe
A3T	RM404X - Low Flow 2g Syringe G	RM405X - High Flow 2g Syringe



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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.

\*VITA Lumin is a registered trademark of Vita Zahnfabrik, Sackingen, Germany.

\*Vintage Halo is a registered trademark of Shofu Inc., Kyoto, Japan.

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