

STORAGE

Store in a cool and dark place (4–25°C / 39.2–77.0°F) away from high temperatures or direct sunlight.
(Shelf life : 3 years from date of manufacture)

PACKAGES

- 1. Refill package for anteriors
1 syringe of 4g (2.7mL)
- 2. Refill package for posteriors
1 syringe of 4.7g (2.7mL)
- 3. Option
 - a. Shade guide
 - b. Mixing pad (No.14B)

CAUTION

- 1. In case of contact with oral tissue or skin, remove immediately with cotton or a sponge soaked in alcohol. Flush with water.
- 2. In case of contact with eyes, flush immediately with water and seek medical attention.
- 3. Take care to avoid ingestion of the material.
- 4. Wear plastic or rubber gloves during operation to avoid direct contact with air inhibited resin layers and prevent possible sensitivity.
- 5. Use a protective light shield or similar protective eye wear during light curing.
- 6. When polishing the polymerised material, use a dust collector and wear a dust mask to avoid inhalation of cutting dust.
- 7. Do not mix with other similar products.

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SOLARE

LIGHT-CURED COMPOSITE RESTORATIVE FOR ANTERIOR

SOLARE P

LIGHT-CURED COMPOSITE RESTORATIVE FOR POSTERIOR

Prior to use, carefully read the instructions for use.

For use only by a dental professional in the recommended indications.

SOLARE is a visible light-cured micro-filled (MFR) hybrid resin available in syringes. SOLARE is designed for restoration of anterior teeth and SOLARE P (radiopaque) for restoration of posterior teeth.

RECOMMENDED INDICATIONS

A. SOLARE FOR ANTERIORS

- 1. Direct restorative for Class III, IV, V cavities.
- 2. Direct restorative for wedge-shaped defects and root surface cavities.
- 3. Direct restorative for veneers and diastema closure.

B. SOLARE P FOR POSTERIORS

- 1. Direct restorative for Class I and II cavities.

CONTRAINDICATIONS

- 1. Pulp capping.
- 2. In rare cases the product may cause sensitivity in some people. If any such reactions are experienced, discontinue the use of the product and refer to a physician.



DIRECTIONS FOR USE

1. Shade Selection

Clean the tooth with pumice and water. Shade selection should be made prior to isolation. Select the appropriate SOLARE or SOLARE P shade from the following 5 shades : A1, A2, A3, A3.5, B2, AO3 based on Vita® Shade and CV (Cervical color) for anteriors or 3 shades : P-A2, P-A3 and P-A3.5 for posteriors.

*Vita® is a registered trademark of Vita Zahnfabrik, Bad Säckingen, Germany.

2. Cavity Preparation

Prepare cavity using standard techniques.
Note :
For pulp capping, use calcium hydroxide.

3. Bonding Treatment

For bonding SOLARE or SOLARE P to enamel and / or dentine, use a light-cured bonding system such as GC Fuji Bond LC or UniFil® Bond (Fig. 1). Follow manufacturer's instructions.

4. Placement of SOLARE or SOLARE P

Remove syringe cap and dispense material onto a mixing pad. Place the material into the cavity using a suitable placement instrument (Fig. 2).
After dispensing, screw syringe plunger anticlockwise by a half to full turn to release residual pressure inside the syringe. Remove any material remaining on the syringe and replace cap immediately after use.

Note :

- 1. Material may be hard to extrude immediately after removing from cold storage. Prior to use, leave to stand for a few minutes at normal temperature.
- 2. After dispensing, avoid too long an exposure to ambient light. Ambient light can shorten the manipulation time.
- 3. In the case of large cavities, place and light cure material in segments.

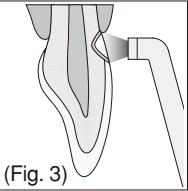
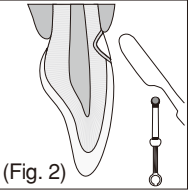
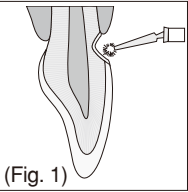
5. Contouring before Light Curing

Contour using standard techniques.

6. Light Curing

Light cure SOLARE or SOLARE P using a light curing unit (Fig. 3).

Refer to the following chart for Irradiation Time and Effective Depth of Cure. When necessary, build in increments of 2 mm maximum using a layering technique.



SOLARE FOR ANTERIORS : Irradiation Time and Effective Depth of Cure

Irradiation time Shade	3 sec. (Plasma arc) 20 sec. (Halogen/LED) 24 sec. (GC G-Light)	6 sec. (Plasma arc) 40 sec. (Halogen/LED) 48 sec. (GC G-Light)
A1, A2, B2	2.5 mm	3.0 mm
A3	2.0 mm	3.0 mm
A3.5, AO3, CV	1.5 mm	2.5 mm

SOLARE P FOR POSTERIORS : Irradiation Time and Effective Depth of Cure

Irradiation time Shade	3 sec. (Plasma arc) 20 sec. (Halogen/LED) 24 sec. (GC G-Light)	6 sec. (Plasma arc) 40 sec. (Halogen/LED) 48 sec. (GC G-Light)
P-A2	2.5 mm	3.0 mm
P-A3, P-A3.5	2.0 mm	3.0 mm

Note :

The above light curing units may not be available in your area.

7. Finishing and Polishing

Shape and polish using standard techniques.

SHADES

- 1. 5 shades for anteriors
A1, A2, A3, A3.5, B2, AO3, CV
- 2. 3 shades for posteriors
P-A2, P-A3, P-A3.5