

Composite restorative material

ice / rok / glacier

INSTRUCTIONS FOR USE

ICE: ANTERIOR / POSTERIOR NANO-HYBRID COMPOSITE

Combining nano-hybrid and micro filler particle technology together with non-stick handling, the radiopaque light cured, condensable and low shrinkage composite, Ice offers polishability and strength on an unprecedented scale for anterior and posterior restorations alike.

COMPOSITION:

22.5% wt (39% vol.) multifunctional methacrylic ester.

77.5% wt (61% vol.) inorganic filler (40nm - 1.5 micron).

INDICATIONS:

Direct anterior/posterior restorations and veneers. Core build ups. Indirect inlays, onlays and veneers. Splinting. Composite and porcelain repair. Sandwich technique with glass ionomers.

CONTRAINDICATIONS:

Pulp capping. Product may cause skin irritations to some people. In such cases, discontinue use and seek medical attention. Do not use in conjunction with any eugenol-containing materials.

ROK: POSTERIOR HYBRID COMPOSITE

Rok is a radiopaque, light cured posterior composite. Its high viscosity, non-stick and condensable nature enables clinicians to pack similar to amalgams.

COMPOSITION:

17.7% wt (32.3% vol.) multifunctional methacrylic ester.

82.3% wt (67.7% vol.) inorganic filler (40nm - 2.5micron)

INDICATIONS:

Direct posterior restorations. Sandwich technique with glass ionomers. Cusp build ups. Core build ups.

CONTRAINDICATIONS:

Pulp capping. Product may cause skin irritations to some people. In such cases, discontinue use and seek medical attention. Do not use in conjunction with any eugenol-containing materials.

GLACIER: ANTERIOR / POSTERIOR MICRO-HYBRID COMPOSITE

Offering very low shrinkage, Glacier is a condensable, radiopaque, light cured micro-hybrid composite. Glacier's non-stick handling facilitates anterior and posterior placement.

COMPOSITION:

19% wt (36% Vol) multifunctional methacrylic ester.

81% wt (64% Vol) inorganic filler (40nm - 1 micron)

INDICATIONS:

Direct anterior/posterior restorations and veneers. Core build ups. Indirect inlays, onlays and veneers. Splinting. Composite and porcelain repair. Sandwich technique with glass ionomers.

CONTRAINDICATIONS:

Pulp capping. Product may cause skin irritations to some people. In such cases, discontinue use and seek medical attention. Do not use in conjunction with any eugenol-containing materials.

INSTRUCTIONS FOR USE:

- Clean and isolate tooth. Rubber dam is the preferred mode of isolation.
- Prepare a conservative cavity, employing standard techniques.
- Use a calcium hydroxide liner and appropriate glass ionomer cement liner to protect deep cavity preparations in close proximity to the pulp.
- Select composite shade by matching with a clean and moist tooth using the SDI composite shade guide.
- Apply bonding system according to manufacturer's instructions, or apply Stae single component dentin/enamel adhesive as follows:
 - Thoroughly dry the bonding surfaces of the tooth with dry, oil-free air.
 - Etch with Super Etch 37% phosphoric acid (SDI Limited) for at least 20 seconds. NOTE: Enamel subjected to fluoridation should be etched for 90 to 120 seconds. IMPORTANT: If using an etch syringe, ensure that the dispensing tip hub is **firmly** attached to the syringe by twisting the hub securely onto the syringe. On first usage or after prolonged storage, extrude a small amount onto a mixing pad for familiarity with the etchant's viscosity and rate of extrusion.
 - Wash thoroughly with water.
 - Remove excess water. Keep moist. Avoid contamination e.g. saliva.
 - Apply Stae to saturate all internal surfaces.
 - Blow gently with dry, oil-free air to evaporate solvent. Leave surface glossy.
 - Light cure for 10 seconds.
- Place composite in increments of 2mm or less. NOTE: If using the syringe system, after each use, turn the screw plunger anti-clockwise half a turn to release any built up pressure.
- Light cure each increment for at least 10 seconds for light shades and at least 20 seconds for dark and/or opaque shades using a high powered LED light such as the Radium Plus (SDI Limited).
- Shape, polish and finish employing standard techniques.

OPTION: Additional polishing using polishing paste:

After step 8, polishing paste may be used to give the composite a lustrous finish, using the following steps:

- Apply Polishing Paste (SDI Limited) to a rubber cup or disc.
- Smear a thin layer of paste onto the restoration.
- Add a small amount of water to both the tooth and cup. Polish for 30 seconds at low speed and light pressure.
- Wash and dry.

STORAGE AND HANDLING:

Store at temperatures between 10° and 25°C (50°-77°F).

Use at room temperature between 20° and 25°C (68°-77°F).

Shelf life: 5 years

Syringe system: when not in use replace the cap tightly.

PRECAUTIONS:

Avoid prolonged contact of etchant, adhesive and composite with the skin or oral tissue, as it may cause inflammation of the oral tissues or skin sensitization.

For professional use only.

Keep out of reach of children.

Do not take internally.

Do not use after expiry date.

Do not expose material to direct light.

Caution: Federal Law restricts this device to sale by or on the order of a dentist.

MSDS available at www.sdi.com.au or contact your regional representative.

FIRST AID:

Eye (contact): Wash thoroughly with water and seek medical attention.

Skin (contact): Remove using a cloth or sponge soaked in alcohol. Wash thoroughly with water.

Ingestion: Drink plenty of water/milk. Seek medical attention if symptoms persist.

Inhalation: No symptoms expected.

PACKAGING:

- Available shades:

ICE: A1, A2, A3, A3.5, A4, B1, B2, B3, C1, C2, C3, D2, D3, D4, OA2, OA3, OA3.5, bleach and incisal.

ROK: A2, A3, A3.5, B1, B2 and C2.

GLACIER: A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C2, C3, C4, D3, OA2, OA3, OA3.5, OB3, OB4, OC2, OC4, OD3, bleach and incisal.

Shade numbers according to Vita® shade guide.

Vita® is a registered trademark of VITA Zahnfabrik, H. Rauter GmbH & Co. KG, Bad Säckingen, Germany.

- Refills:

ICE: 1 x 4g syringe, 20 x 0.25g complets

ROK: 1 x 4g syringe

GLACIER: 1 x 4g syringe, 20 x 0.25g complets

- Kits (includes accessories such as etchant gel and bonding material):

ICE: complet introductory kit, 5 syringe introductory kit.

ROK: 5 syringe introductory kit.

GLACIER: complet introductory kit, 5 syringe introductory kit.

Made in Australia by SDI Limited

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