**DUAL CURING FLOWABLE CORE BUILD UP MATERIAL**

**Product Description**
Two component (base-catalyst) chemical and/or light cured flowable, radiopaque, dental resin based material for core build ups. It self cures therefore light curing is optional.

**Composition**
- Methacrylate polymers (48%)
- Inorganic fillers (52%)
- Filler particle size 0.04-0.7 µm
- The fillers contain barium glass, mixed oxides, photo-initiators and stabilizers

**Indications**
- Core Build Up
- Post Cementation

**Delivery system** (Automix - Ratio 1:1)
- Cartridge
- Double syringe

**Working and setting times**

<table>
<thead>
<tr>
<th>Working time</th>
<th>Total self curing setting time</th>
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<tr>
<td>1’.30”</td>
<td>4’.30”</td>
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Light cure with a halogen, LED light (≥400mW/cm²). Curing wavelength 470±20nm.
Light curing time: 40 seconds (400-1000mW/cm²) / 20 seconds (>1000mW/cm²)

**Instructions**

**CORE BUILD UP**

**Preparation**
Prepare tooth by removing existing restorations and caries. Clean enamel and dentine with water spray or clean dry air. Etch surface following the corresponding instructions of use. After etching has taken place rinse thoroughly with water and vacuum to remove gel. Dry with clean dry air. The area will have a chalky white appearance. Once etching has been completed isolate tooth from adjacent teeth using a matrix band. Apply bonding agent following the corresponding instructions of use.

**Application**
Remove cap and dispense a small amount of material to ensure material flows freely. Place mixing tip carefully so as not to cross contaminate the base and catalyst. Press the plunger evenly and gradually to dispense the mixed material directly into the root canal. Insert the post carefully and apply slight pressure until the post is steady. Light cure the surface. Either leave the used mixing tip as a cap until the following application or carefully remove mixing tip and place cap immediately taking care not to cross contaminate the materials. Core build up can commence once polymerization has taken place.

**Note:**
- The material is adversely affected if the mixing ratio of 1:1 is not kept
- Place cap immediately after use!
- Neither store the composite material in proximity of eugenol containing products, nor let the composite come in contact with materials containing eugenol. Eugenol can impair the hardening of the composite
- Carefully assess the use of other adhesives
- Do not use after expiry date

**Storage**
Store between 4-8°C (39-46°F). Storing material in refrigerator is recommended. Storage conditions must be kept to guarantee material stability. Caution: Do not freeze, do not expose to direct light or other heat sources. After refrigeration return to room temperature before use. Keep material out of children’s reach.

**Lot number and expiry date**
The above are printed on each package and should be quoted in all correspondence which requires identification of the product.

**Precautions**
Use of protective gloves and a no-touch technique is recommended. If material contacts skin wash immediately with soap and water.

**Emergency measures**
Ingestion-Seek immediate medical attention.

**Contraindications**
Application of the above materials is contraindicated:
- If a dry working field cannot be established.
- If a patient is known to be allergic to any of the ingredients.

**For professional use only**
These materials have been developed for use exclusively by dentists and must be handled according to the instructions of use. The recommendations included in the instructions correspond to the actual state of knowledge regarding dental techniques. The manufacturer cannot be held responsible for damages caused by other uses or incorrect handling.

Caution: Federal USA law restricts this device to sale by or on the order of a dental professional.