



Dual Cured Flowable Core Build up Resin

Manufacturer

SPIDENT CO., LTD. www.spident.co.kr
203 & 312, Korea Industrial Complex, 722, Gojan-Dong,
Namdong-Gu, Incheon, Korea 405-821
TEL. +82-32-821-0071 FAX. +82-32-821-0074

EU representative

AR EXPERTS B.V. (tradename : CE Medical)
Amerlandseweg 7, 3621 ZC, Breukelen, the Netherlands
TEL. +31 (0)85 007 32 20

General Information

Core-it® Dual is a light and chemical cure build-up/restorative system developed by Spident. Core-it® Dual has similar strength to dentin. Its formulation boasts the ideal viscosity for maximum control and stackability, facilitating its application into undercut areas, around pins, and dental posts. Core-it® Dual replaces the lost dentin prior to the application of crowns. Core-it® Dual has blue, yellow, and white, and has the advantage of excellent radiation opacity.

Composition

- Organic Matrix : UDMA
- Inorganic Fillers : Hydrophobic micro/nano Silica
- Additives : BPO, CQ, Others

Indications

- All types of Core build-up
- Cementation of root posts

SHADE

Yellow, Blue, White

Precautionary Information

1. Check the expiration date and avoid package contamination.
2. Follow the instructions for use before using it.

Application

<Core build-up>

1. Use a rubber dam to separate the teeth.
2. Cavity Preparation: Remove caries and any amalgam or resin filling(s) under which the recurrent decay has occurred.
3. If the pulp is exposed, protect the pulp using potassium hydroxide such as Base-it® as needed.
4. FineEtch® is applied to the treatment site. After 15 seconds, it is washed and dried.
5. EsBond® & EsBond® Activator mixed at ratio of 1:1, applied to the treatment site, and then dried for 5 seconds. Then, light irradiation for 20 seconds to curing.
6. When using Core-it® Dual for the first time, squeeze a little so that the amount of base & catalyst will be the same, then tighten the mixing tip before using. Please refer to the manufacturer's drawings for mixing tip.
7. Apply Core-it® Dual with mixing tip directly to prepared cavity using intraoral tip and then light irradiation for 20 seconds.
8. Complete the preparation of the core build-up by deleting the hardened core build-up resin(Core-it® Dual) using tools.
9. Wait for 4 minute to allow curing fully to the cavity inside.

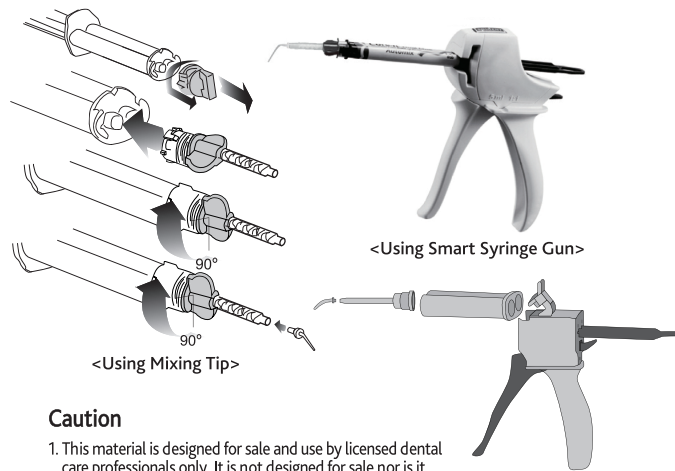
<Post Cementation>

1. Use a rubber dam to separate the teeth.
2. Cavity Preparation: Remove caries and any amalgam or resin filling(s) under which the recurrent decay has occurred.
3. If insertion of the post is required, prepare the cavity and root canal properly.
 - If necessary, FineEtch® is applied to the treatment site. After 15 seconds, it is washed and dried.
 - If necessary, EsBond® & EsBond® Activator mixed at ratio of 1:1, applied to the treatment site, and then dried for 5 seconds. Then, light irradiation for 20 seconds to curing. (When applying EsBond®, it is recommended to use a paper point to remove any excess from the canal prior to the application of light. Otherwise the lumen may be blocked)
4. Apply Core-it® Dual with mixing tip directly to prepared cavity.
5. Insert the post into the root canal.
 - If necessary, Core-it® Dual can be coating on the surface of post.
6. Light irradiation for 20 seconds to curing.
7. Complete the preparation of the core build-up by deleting the hardened core build-up resin(Core-it® Dual) using tools.
8. Wait for 4 minutes to allow curing fully to the cavity inside.

Timing

- Working Time : 2 min 30 sec
- Chemical-Cured : 4 min (intraoral)

Minimum intensity 600 mW/cm ² light	
Incremental Depth	Cure Time
2.0 mm	20 sec.
Minimum intensity 1200 mW/cm ² light	
Incremental Depth	Cure Time
2.0 mm	10 sec.



Caution

1. This material is designed for sale and use by licensed dental care professionals only. It is not designed for sale nor is it suitable for use by non-dental care professionals.
2. Core-it® Dual contains methacrylic monomer. Some patients can cause allergic reaction to monomer(s).
3. Do not use Core-it® Dual for patients allergic to or hypersensitive to methacrylic and related monomer(s).
4. If Core-it® Dual causes an allergic reaction or oversensitivity, discontinue its use immediately.
5. Avoid contact of Core-it® Dual with eyes, mucosal membrane, skin and clothing.
6. If Core-it® Dual comes in contact with the eyes, thoroughly flush eyes with water and immediately contact an ophthalmologist.
7. Use a rubber dam to protect the throat.
8. If refrigerated storage is used allow product to reach room temperature prior to use.
9. Use of non-purpose and non-specialists is prohibited.
10. DO NOT use Core-it® Dual after the indicated date of expiration on the syringe.

Storage & Use

1. Use of non-purpose and non-specialists is prohibited. (Ambient temperatures routinely higher than 27°C/80°F may reduce shelf life.)
2. Close the syringe immediately after use.
3. Do not expose restorative materials to elevated temperatures, or to intense light.
4. Shelf life at room temperature is 24 months.

Warranty

Spident® warrants this product will be free from defects in material and manufacture. Spident® MAKES NO OTHER WARRANTIES INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining the suitability of the product for user's application. If this product is defective within the warranty period, your exclusive remedy and Spident®'s sole obligation shall be repair or replacement of the Spident®'s product.

Limitation of Liability

Except where prohibited by law, Spident® will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability.

Customer Information

No person is authorized to provide any information which deviates from the information provided in this instruction sheet.

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

Disposal

It should be handled according to local laws and regulations.

Conformity with CE Communauté Européenne	Lot Batch code
Temperature limit	Date of Manufacture
Caution	Used-by date
Keep dry	Medical Device
Keep away from sunlight	Rx Only Federal law prohibits dispensing without a prescription
Manufacturer	Authorized representative in the European community