



**Self-Adhesive Dual-cured Luting Resin Cement**

# **DSI RFX SA Cement**



## **INSTRUCTIONS FOR USE**

**RFX SA Cement is a dual-cured dental resin cement.**



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## **PURPOSE**

**DSI RFX SA Cement** is a dual-cured dental resin cement. It is designed to be easily mixed the Base and Catalyst with dual syringe and mixing tip. It is used to cementation of porcelain, ceramic, resin and metal-based inlays / onlays, crowns, bridges, posts, and veneers.

## **BEFORE THE APPLICATION**

1. Check the expiration date and avoid package contamination.
2. Follow the instructions for use before using.
3. Place a disposable mixing tip on syringe.

## **APPLICATION**

### **All Indirect Restorations (excluding veneers):**

1. Remove provisional restoration.
2. Remove temporary cement and residue from preparation area.
3. Air dry preparation.(do not desiccate).
4. Try in restoration to ensure proper fit.
5. Select desired shade of cement.
6. Bleed syringe before initial use. Place appropriate mixing tip on dual syringe and twist to fixate.
7. Dispense the cement directly into restoration or tooth prep, covering all surfaces.
8. When restoration is properly seated remove excess cement. Excess cement is best removed in its gel state. Gel state can be achieved by tack-curing excess with a light for approximately 5 seconds.
9. After removal of excess cement, light cure for 20 seconds.
10. Use finishing strips for proximal areas. Polish margins.
11. Check occlusion.

### **Veneer Restorations:**

1. Etch tooth prep for 15 seconds with Etch (37.5%), rinse thoroughly, and air dry (do not desiccate).
2. Apply Bond with light brushing motion for 15 second, air thin for 3 seconds, and light cure for 5 seconds.
3. Dispense cement directly onto internal surface of the veneer. Place the veneer gently onto tooth, allowing the cement to slowly flow from all margins
4. Spot cure the veneer into place on facial surface, away from the margins, using a small diameter light guide for several seconds.
5. After removing excess cement, light cure all surface for 20 seconds.

### **Crown Restoration to Implants:**

1. Remove provisional restoration.
2. Remove temporary cement and residue from the implant.
3. Air-abrade the implant or roughen the implant surface with bur.
4. Rinse the implant thoroughly.
5. Air dry the implant.
6. Try in restoration to ensure proper fit.
7. Select desired shade of cement.
8. Bleed cartridge before initial use. Place appropriate mixer on dual syringe cartridge.
9. Dispense the cement directly into restoration or tooth prep, covering all surfaces.
10. When restoration is properly seated remove excess cement. Excess cement is best removed in its gel state. Gel state can be achieved by tack-curing excess with a light for approximately 5 seconds.
11. After removal of excess cement, light cure for 20 seconds.
12. Use finishing strips for proximal areas. Polish margins.
13. Check occlusion.

### **CAUTIONS**

1. It must be handled by dentists and dental specialists according to the instructions before using.
2. Recommend the Rubber dam (**DSI Dam** or **DSI UniLite Liquid Dam**) to reduce side effects of using for patients who having a history of severe allergic reaction to this material.
3. Do not use to patients who have a skin rash, dermatitis or histories of hypersensitivity.
4. Stop applying this material to the patients who have a rash or hypersensitive symptoms during using.
5. This material is used only to the oral tissue. Avoid contact with eyes.
6. If accidental contact occurs with eyes or skin, wash immediately with much water and seek medical advice.
7. Non-specialists must not use this material. Do not use this material for other purposes.
8. A protective device for the respiratory tract is highly recommended before a surgical operation.
9. Do not use after the expiration date.

### **COMPONENT**

- Silicone dioxide, Barium glass  $\geq 60\text{wt}\%$ .
- Filler  $> 70\text{wt}\%$ .

## CHARACTERISTIC

Item	Working time (sec.)	Setting time (min.)	Flexural strength (MPa)
Test result	≥ 150	≤ 5	≥ 80

## STORAGE

- Waste the disposable mixing tips after using.
- Store the material in a shady, cool and dry place (2-27 °C / 35-80 °F).

## PACKAGING

**DSI RFX SA Cement 9g (5ml) x 1 Automix Syringe**

**Shade:** Universal, Clear

Mixing tips, Oral tips

**Ref:**

**RFXSA-UN**

**RFXSA-CL**

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*Failure to comply with the conditions of storage leads to a change of the working characteristics of the material and decrease the shelf life of the material.*

*The manufacturer is not responsible for any loss of quality caused by the failure to comply with terms of transportation, storage and use established by the manufacturer for this product. Responsibility for the use of the material for purposes other than those specified by the manufacturer falls on the user.*

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## SYMBOLS



Consult instructions for use



Caution, consult accompanying documents



Temperature limit



Keep away from sunlight



Keep dry



Manufacturer



Catalogue number



Batch code



Use by



Date of Manufacture