

# SELECT BOND TE

## INTRODUCTION

*SELECT BOND TE is the intuitive 5th generation Dental Adhesive. It is a clinically proven Etch and Rinse solvent free, visible light cure bonding agent that offers outstanding dentin penetration, efficacy and improved wetting. It combines bonding agent and primer in a one part formula, ensuring a reliable bond to wet, moist and dry dentin. It forms a homogenous resin layer with superior bond strength and durability.*

## INDICATIONS

- Adhesive for direct restorations .
- Adhesive for bonding to composite and amalgam.
- Adhesive for direct and indirect inlays, onlays, posts and veneers etc.

## CLINICAL APPLICATION

### 1. **Tooth Surface Preparation:**

Thoroughly clean the tooth surface with pumice and water to remove biofilm. Prepare tooth surface using standard preparation techniques. Use of rubber dam is recommended to isolate the prepared tooth.

### 2. **Pulp Capping:**

If a cavity is deep, protect with an appropriate pulp capping agent. (Do not use a eugenol containing liner)

### 3. **Matrix Placement:**

Place a matrix band in the case where the cavity involves proximal area as instructed by manufacturer.

### 4. **Etching:**

Etch for 15 seconds with 37% Phosphoric acid, on both enamel and dentine. It is strongly recommended to avoid excessive etching time on dentine, and limit it to 15 seconds. After 15 seconds etch, the etchant must be rinsed off with a strong water spray, to ensure removal of all etchant as well as clean the cavity surface .

### 5. **Material Application:**

#### **A. For Direct Composite Restorations and Core Build Ups**

- i. Shake the bottle well before use.
- ii. Saturate the tip of applicator brush with the adhesive.



## SELECT BOND TE

- iii. Replace the cap immediately after dispensing.
- iv. PAINT Select Bond TE using a disposable brush for 20s onto the dentin and enamel.
- v. The surface should have uniform glossy appearance. If not, repeat application.
- vi. Light cure for 20 seconds.
- vii. Place restorative in increments. Cure each increment as per manufacturer's instructions.

### **B. For Cementation of Inlays, Onlays and Porcelain Veneers**

- i. Repeat steps i, ii, iii, iv, v, vi and vii of 5A (For Direct Composite Restorations and Core Build Ups).
- ii. Prepare the prosthesis as per manufacturer's instructions.
- iii. Apply suitable luting cement to the bonding surface of prosthesis, carefully seat the prosthesis and clean excess luting cement from the margins. (Note: Cure each area of the prosthesis as per manufacturer's instructions).

### **C. For the Repair of Existing Fillings and Indirect Restorations**

- i. Repeat steps i, ii, iii, iv, v, vi and vii of 5A (For Direct Composite Restorations and Core Build Ups).
- ii. Roughen the composite filling, ceramic/metal surface using a diamond bur/sandblasting; (Note: For predictable bonding to ceramic surface, the ceramic need to be etched with HF ceramic etch with complete protection for the patient including strict isolation. Silane application improves the bond strength to Ceramics).
- iii. Rinse the surface thoroughly with water and dry using oil free compressed air.
- iv. Silanate ceramic veneers using suitable primer as per manufacturer's instructions.
- v. After curing, mask any visible metal using suitable masking agent as per manufacturer's instructions.

## PRECAUTIONS

1. Do not expose patients or users known to be allergic to this type of material and/or methacrylate monomers.
2. Use medical (dental) gloves, face masks and protective glasses to avoid sensitization to this product. In case of prolonged contact with oral tissue or skin, immediately blot with alcohol moistened cotton ball, and rinse with plenty of water. Medical (dental) gloves provide some protection against direct contact with this material; however some



monomers can penetrate through the gloves very quickly to reach the skin. In case of contact with eyes, immediately flush with plenty of water and seek medical advice.

3. If any eruption or skin inflammation occurs on a patient when using this product, immediately discontinue for now and future use and seek medical advice.
4. Only use disposable brush for one patient. After each use, close the bottle with the cap and disinfect using conventional methods.
5. Avoid any contamination of restoration with blood, saliva or sulcus fluid during application.
6. Wear orange protective glasses when curing.
7. For more information read Safety Data Sheet (SDS).

## STORAGE

Keep away from direct sunlight and store between 5 - 25°C

### Caution:

Do not expose restorative materials to elevated temperatures, intense light, or to high humidity.

## ADDITIONAL NOTES

1. When storing these materials in a refrigerator, allow them to reach room temperature before use.
2. Always replace the bottle cap after use.
3. Select Bond TE includes etch of enamel and dentin as a part of the procedure. It is recommended that the surface be left moist after rinsing.

## EXPIRY DATE

- The expiry date is shown in DD/MM/YY format on the pack.
- Do not use the product after this date.

## PACKAGING

Bottle 5ml

## SPECIALLY FORMULATED FOR USE IN DENTISTRY



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**wizdent**  
THE FINE ART OF DENTISTRY



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