

# WONDER BOND SE

## INTRODUCTION

*WONDER BOND SE is a solvent free, self-etch, light cured 7th generation bonding agent that allows you to etch, prime and bond in a single step. Used in combination with light cured composites, resin cements and core build up materials, Wonder Bond SE offers ease of use, excellent bond strengths to enamel and dentin and outstanding biocompatibility with the tooth.*

## INDICATIONS

- Adhesive for All Direct composite restorations.
- Adhesive for Cementation of indirect restoration of composite, ceramic or metal.
- Adhesive for light cure composite Core build up material.
- Sealant for Desensitization of root surfaces.
- Adhesive for intra-oral repair of composite fillings, PFM and all ceramic restorations.

## CLINICAL APPLICATION

### Cementation of Inlays, Onlays, Crown And Bridges

#### 1. Cleaning:

Thoroughly clean the tooth surface with pumice and water to remove biofilm.

#### 2. Tooth Surface Preparation:

Prepare tooth surface using standard preparation techniques. Use of rubber dam is recommended to isolate the prepared tooth.

#### 3. Pulp Capping:

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

#### 4. Matrix Placement:

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

#### 5. Material Application:

##### A. For Direct composite Restorations and Core Build ups

- i. Shake the bottle well before use.
- ii. Saturate the tip of the applicator brush with the adhesive.
- iii. Replace the cap immediately after dispensing.



- iv. Using a applicator brush SCRUB Wonder Bond SE onto MOIST enamel and dentin for 30 seconds.
- v. Gently dry for 10 secs using oil free compressed air.
- vi. The surface should have uniform glossy appearance. If not, repeat steps ii, iii, and iv.
- vii. Light cure for 20 sec.
- viii. Place suitable restorative such as Wonder Pro Fill/Master Design etc. in increments. Cure each increment as per manufacturer's instructions.

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

- i. Completely remove any temporary cement remaining on the cavity and the restoration.
- ii. Repeat steps i, ii, iii, iv, v, vi and vii of 5A (For Direct composite Restorations and Core Build ups).
- iii. Prepare the prosthesis as recommended by manufacturer.
- iv. 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. Roughen the composite filling, ceramic/metal surface using a diamond bur/sandblasting; (Note: for ceramic remove the glaze 1mm beyond the margin and etch ceramic with 35% phosphoric acid).
- ii. Rinse the surface thoroughly with water and dry using oil free compressed air.
- iii. Silanate ceramic veneers using suitable primer as per manufacturer's instructions.
- iv. Repeat steps i, ii, iii, iv, v, vi and vii of 5A (For Direct composite Restorations and Core Build ups).
- v. After curing mask any visible metal using suitable masking agent as per manufacturer's instructions and repair with a suitable composite material like Wonder Pro Fill/Master Design etc.

## **D. Desensitization of Root Surfaces**

- i. Clean the root surface with polishing paste or powder blasting, thoroughly rinse by spraying with water, and dry with air free of water and oil.
- ii. Repeat steps i, ii, and iii of 5A (For Direct composite Restorations and Core Build ups).



- iii. Using an applicator brush to paint Wonder Bond SE onto the root surface for 30 seconds.
- iv. Light cure for 20 sec.

## PRECAUTIONS

1. Do not expose patients or users known to be allergic to this type of material and/or methacrylate monomer.
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 adhesive 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 these 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. For uncut enamel, etch for 15 sec with a commonly used phosphoric acid gel, then thoroughly rinse again.



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**EXPIRY DATE**

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

**PRODUCT STRUCTURE:**

Modified acrylic acid, methacrylates, phosphoric esters, catalysts, stabilizers

**PACKAGING:**

Bottle 5 ml

**SPECIALLY FORMULATED FOR USE IN DENTISTRY**



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