

BONDSAVER and BONDSAVER D

Rewetting / Desensitizing / Bond Degradation Preventer

Bonding to tooth structure presents many challenges including the determination of the proper conditions for starting the bonding protocol. The tooth can be left too wet or too dry which could lead to debonding or post operative sensitivity. **BONDSAVER and BONDSAVER D** have been designed to aid in reaching the appropriate moisture level to provide an initial surface that allows an adhesive to reach its full potential.

BONDSAVER and BONDSAVER D provide an added benefit. Numerous sources have suggested bond strengths to dentin breakdown and fail over time due to the formation and infiltration of MMP's (matrix metalloproteinases). **BONDSAVER and BONDSAVER D** have been formulated to limit the impact of MMPs thus helping ensure the long term integrity of the bonding system.

Principal Uses of BONDSAVER and BONDSAVER D

Rewetting tooth surface prior to bonding

Desensitizing

Preventing bond degradation

BONDSAVER versus BONDSAVER D

BONDSAVER has been formulated to be used with self etch adhesives, glass ionomers, resin modified glass ionomers.

BONDSAVER D has been formulated to be used with total etch and selective etch adhesive systems along with the treatment of sensitivity resulting from exposed dentin

BONDSAVER

Self Etch Adhesives

Glass Ionomers

Resin Modified Glass Ionomers

BONDSAVER D

Total Etch Adhesives

Selective Etch Adhesives

Desensitization of Exposed Dentin

Crown Preparations

Instructions for Use:

BONDSAVER

NOTE: SHAKE BOTTLE VIGOROUSLY FOR 3 SECONDS BEFORE DISPENSING

Self Etch:

1. Remove any debris from the prepared tooth and dry the prep thoroughly.
2. Using a small micro-applicator, apply a uniform coat of **BONDSAVER** to the etched dentin surface. Allow to dwell for 5 seconds, dry briefly, leaving a shiny surface. Surface should not have any pooled liquid.
3. Apply the adhesive manufacturer's materials as prescribed in their instructions

Indirect Restoration Using a Glass Ionomer or Resin Modified Glass Ionomer:

1. Remove any debris from the prepared tooth and dry the prep thoroughly.
2. Using a small micro-applicator, apply a uniform coat of **BONDSAVER** to the entire preparation. Allow to dwell for 5 seconds, dry briefly, leaving a shiny surface. Surface should not have any pooled liquid.
3. Apply the adhesive manufacturer's materials as prescribed in their instructions

BONDSAVER D

NOTE: SHAKE BOTTLE VIGOROUSLY FOR 3 SECONDS BEFORE DISPENSING

Total Etch:

1. Etch the tooth surface as instructed by the adhesive manufacturer
2. Rinse away the extra etch and dry the tooth thoroughly for at least 3 seconds
3. Using a small micro-applicator, apply a uniform coat of **BONDSAVER D** to the entire preparation. Allow to dwell for 5 seconds, dry briefly, leaving a shiny surface. Surface should not have any pooled liquid
4. Continue to apply the adhesive manufacturer's materials as prescribed in their instructions

Selective Etch:

1. Etch the enamel surface as instructed by the adhesive manufacturer
2. Rinse away the extra etch and dry the tooth thoroughly for at least 3 seconds
3. Using a small micro-applicator, apply a uniform coat of **BONDSAVER D** to the entire preparation. Allow to dwell for 5 seconds, dry briefly, leaving a shiny surface. Surface should not have any pooled liquid.
4. Continue to apply the adhesive manufacturer's materials as prescribed in their instructions

Desensitizing Crown Preparations:

1. Prior to cementation of the temporary, dry the tooth aggressively for at least 3 seconds.
2. Apply a generous coat of **BONDSAVER D**, allow to dwell for 5 seconds, briefly dry and place the temporary.
3. For maximum effect, repeat the application several times, i.e. aggressively dry the prepared tooth, apply a generous coat of **BONDSAVER D**, allow to dwell for 5 seconds, dry again and repeat the above steps twice more.
4. The clinician may either choose to proceed to cement the temporary crown or apply either **Surpass®** or **Superb** to seal the crown preparation and then cement the temporary.

Treating Sensitive Dentin:

1. Dry the dentin as much as possible
2. Apply a brushful of **BONDSAVER D**
3. Allow to dwell 5 seconds
4. Dry
5. Apply another brushful of **BONDSAVER D**
6. Dry
7. Repeat until sensitivity disappears
8. If desired, apply a coat of **Surpass® 2** or **Superb**, dry and light-cure to prolong the desensitization.