



## ***Interface***

### **Interface Instructions for Use**

***Interface*** is a revolutionary ceramic primer, which allows the clinician to bond any type of ceramic to a tooth, including the newer high-strength materials. With ***Interface***, any ceramic restoration can be delivered or repaired (in vivo) without the use of dangerous hydrofluoric acid. Since it is activated when it is used, the shelf life of the primer is extremely stable (3 years from the date of manufacture). Perhaps best of all, ***Interface*** can be used to prepare ceramic, dentin and enamel ALL AT THE SAME TIME.

### **General Instructions**

#### **Preparation of *Interface***

***Interface*** is furnished in two bottles, labeled A and B, along with a mixing well and Microtip<sup>®</sup> applicators.

1. A drop of ***Interface*** A and a drop of ***Interface*** B are dispensed into the same cavity of the mixing well. At first the two liquids will not mix- one will form a "bubble" on the top of the other.
2. After 20-30 seconds, the bubble will break down, and at that time the mixture is stirred for 5 seconds with the Microtip<sup>®</sup> applicator.

NOTE: The mixed ***Interface*** solution must be used within 3 minutes. Once it has become cloudy or opaque it is no longer useful.

#### **Delivery of *Interface***

It is highly recommended that the ceramic surfaces to be bonded are first lightly sandblasted.

1. Using a Microtip<sup>®</sup> applicator, apply an even coating of the prepared ***Interface*** solution to the ceramic surface and allow to dwell for 10 seconds.
2. Dry the ***Interface*** solution thoroughly (approximately 5 seconds)

**The surface has now been etched and silanated.**

We recommend using a resin based bonding agent such as ***Simplicity*** or **SURPASS®** to complete the ceramic preparation prior to cementation. See detailed instructions below.

## Repairing of Ceramics

1. Using a Microtip® applicator, apply an even coating of the prepared ***Interface*** solution to the ceramic surface and allow to dwell for 10 seconds.
2. Dry the ***Interface*** solution thoroughly (approximately 5 seconds).

**The surface has now been etched and silanated**

3. If using ***Simplicity***:
  1. Apply 1 coat of ***Simplicity 2*** to the dried ***Interface*** surface
  2. Dry thoroughly
  3. Light activate for 10 seconds

If using **SURPASS®**:

4. Apply 2 coats of **SURPASS®2** and dry thoroughly
5. Apply 1 coat of **SURPASS®3**
6. Air thin (if desired)
7. Light activate for 10 seconds

If using a different adhesive or self etching cement follow manufacturer's instructions

4. Composite resin is then added and finished according to manufacturer's instructions.

# Repair of Porcelain-to-metal Crowns

1. Roughen the surface to be repaired with a diamond.
2. Using a Microtip® applicator, apply an even coating of the prepared **Interface** solution to the ceramic surface and allow to dwell for 10 seconds.
3. Dry the **Interface** solution thoroughly (approximately 5 seconds).

## The surface is now etched and silanated

4. If using **Simplicity**:
  1. Apply 1 coat of **Simplicity 2** to the dried **Interface** surface
  2. Dry thoroughly
  3. Light activate for 10 seconds

## If using **SURPASS**®:

4. Apply 2 coats of **SURPASS**®2 and dry thoroughly
5. Apply 1 coat of **SURPASS**®3
6. Air thin (if desired)
7. Light activate for 10 seconds If using a different adhesive or self etching cement follow manufacturer's instructions
5. Composite resin is then added and finished according to manufacturer's instructions.

## Repairing Ceramic and Tooth (*Simplicity* or **SURPASS**<sup>®</sup> is required for this process)

There are times when tooth structure is exposed by the fracture of a ceramic restoration, such as might occur with a veneer or ceramic crown.

1. Using a Microtip<sup>®</sup> applicator, apply an even coating of the prepared **Interface** solution to the ceramic surface and allow to dwell for 10 seconds.
2. Dry the **Interface** solution thoroughly (approximately 5 seconds)
3. Apply the prepared **Interface** solution to the exposed tooth structure evenly and agitated gently for 10 seconds. **DO NOT DRY THE Interface SOLUTION ON THE TOOTH.**

Note: Excess **Interface** solution on the ceramic surface will not adversely affect the bond strength of the repair.

4. If using **Simplicity**:
  1. Apply 3 coats of **Simplicity 2** to the **Interface** surface on both the tooth and ceramic
  2. Dry thoroughly
  3. Apply 2 additional coats of **Simplicity 2**
  4. Dry thoroughly
  5. Light activate for 10 seconds

If using **SURPASS**<sup>®</sup>:

6. Apply 3 coats of **SURPASS**<sup>®</sup>2 to the **Interface** surface on both the tooth and ceramic
7. Dry thoroughly
8. Apply 1 coat of **SURPASS**<sup>®</sup>3. Air thin (if desired)
9. Light activate for 10 seconds
10. Composite is then added and finished according to manufacturer's instructions.