Description:
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 (excluding zirconia). With InterFace, any ceramic restoration can be delivered or repaired (in vivo) without the use of dangerous hydrofluoric acid. Interface can be used to prepare ceramic, dentin, and enamel ALL AT THE SAME TIME.

Indications for use:
Repair ceramics, repair of PFM crowns, repair of ceramic and tooth simultaneously, delivery of veneers and ceramic crowns, bracket adhesion for orthodontics

Instructions for use:
General Instructions:
InterFace is furnished in two bottles, labeled A and B, along with a mixing well and Microtip® 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 material is stirred for 5 seconds with the Microtip® 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® 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.

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

If using SURPASS®:
1. Apply 2 coats of SURPASS®2 and dry thoroughly
2. Apply 1 coat of SURPASS®3
3. Air thinned (if desired)
4. Light activate for 10 seconds

If using a different adhesive or self-etching cement, follow manufacturer’s instructions
Composite resin is then added and finished according to manufacturer’s instructions.

Repairing Ceramic and Tooth
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)
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.

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

If using SURPASS®:
1. Apply 3 coats of SURPASS®2 to the Interface surface on both the tooth and ceramic
2. Dry thoroughly
3. Apply 1 coat of SURPASS®3. Air thin (if desired)
4. Light activate for 10 seconds
5. Composite is then added and finished according to manufacturer's instructions.

Delivery of a Ceramic Veneer or Crown

Preparing the Tooth:
1. Rinse the preparation thoroughly and remove all visible water by drying the surface for approximately 5 seconds with dried compressed air.
2. Dispense a drop of SURPASS®1 into one cavity of the enclosed mixing well. Using the proper color-coded brush, apply SURPASS®1 to the entire cavity preparation and the surrounding tooth structure, agitating briskly for at least 10 seconds. DO NOT DRY SURPASS®1
3. Dispense a drop of SURPASS®2 into another cavity of the mixing well. Using the proper color-coded brush, apply three brushfuls of SURPASS®2 to the entire cavity preparation, dabbing each brushful to help distribute as much of the primer as possible.
4. Dry the primed surface with dried compressed air for at least 10 seconds with the air syringe tip as close as possible to the surface. DRY SURPASS®2 THOROUGHLY
5. Dispense a drop of SURPASS®3 into another cavity of the mixing well. Using the proper color-coded brush, apply a thin layer of SURPASS®3 to the entire cavity surface. Air-thin the SURPASS®3 aggressively. Final film thickness will be around 10 – 12 microns.
6. Light-activate for 10 seconds. SURPASS® can be activated with any dental activation light.

Preparing the Restoration:
It is highly recommended the restoration is lightly micro-etched (27 micron aluminum oxide), rinsed and dried prior to silanation and delivery. The micro-etching not only provides additional mechanical retention, but also ensures the surface is completely free from milling oils and other contaminants.
1) Clean the restoration thoroughly to be sure all milling oil and other contaminants are removed. This can be done with steam or very thorough cleansing with isopropyl alcohol. Water and air will not provide a sufficiently clean surface.
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)
4) Apply 2 coats of SURPASS®2 to the surface, dry and light activate for 10 seconds.

Delivering the Restoration:
1) If isolation has been maintained, apply 2 coats of SURPASS®2 to the sealed prep, dry and light activate for 10 seconds.
2) If isolation has not been maintained or the sealed prep has become contaminated, the sealed prep should be cleaned with a cotton pellet soaked in alcohol, rinsed and dried. Then apply 2 coats of SURPASS®2 to the sealed prep, dry and light activate for 10 seconds.
3) Anchor® luting cement is then inserted either into the prep or onto the fitting surface of the restoration and the restoration is seated. As the Anchor® resin gels, the excess may be removed. Once the excess cement is removed, each restoration surface is light-activated for 10 seconds and the process is complete.

Adhering an Orthodontic Bracket to a Ceramic Restoration
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) Continue adhesive protocol according to the manufacturer's instructions.

WARNING
Causes serious eye irritation.
Wear eye/face protection. Prolonged or repeated skin contact may cause severe irritation.

FIRST AID:
IF IN EYES: Rinse cautiously with water for several minutes, also under eye lids. Remove contact lenses, if present and easy to do so. IF INHALED: Move to fresh air and keep at a rest position comfortable for breathing.
IF INGESTED: Do not induce vomiting. Rinse mouth, drink plenty of water. Call a physician or Poison Control Center immediately.