Science.
Applied to Life.™

# Primer Application Step by Step Comparison

## Transbond™ MIP Moisture Insensitive Primer

1. Prophy teeth with a non-fluoride, oil-free pumice or paste. Rinse with water. Isolate teeth with cotton rolls.

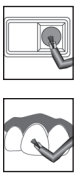
2. Air dry thoroughly using oil and moisture-free air source.

3. Apply Transbond™ XT Etching Gel (REF 712-039) to tooth surface following the instructions with the etching system.

4. Rinse thoroughly with water to ensure total removal of etchant. **Remove excess water, but drying of tooth surface is not necessary.**

5. Dispense three drops of Transbond™ MIP primer in well.

6. **Dip and completely saturate the brush tip.**



7. **<u>Apply one liberal coat</u> of Transbond MIP primer, covering entire etched surface of tooth. Avoid touching the gingival area. Re-dip brush in primer for each tooth to be primed.**

8. **Gently blow air on each tooth for 2-5 seconds, aiming the air stream perpendicular to the labial surface of the tooth.**

9. Follow APC™ Adhesive Coated Appliance system or Transbond XT light cure adhesive instructions for appropriate bonding procedures.

## Transbond™ XT Primer

1. Prophy teeth with a non-fluoride oil-free pumice or paste. Rinse with water. Isolate teeth with cotton rolls.

2. Air dry thoroughly using oil and moisture-free air source.

3. Apply Transbond XT Etching Gel (REF 712-039) to tooth surface following the instructions with the etching system.

4. Rinse thoroughly with water to ensure total removal of etchant. **Air dry thoroughly using oil and moisture free air source.**

5. Place small amount (about three drops) of Transbond™ XT primer in well.

6. **<u>Apply thin uniform coat</u> of Transbond XT primer to each tooth surface to be bonded.**

7. Follow APC adhesive coated appliance system or Transbond XT light cure adhesive instructions for appropriate bonding procedures.

# Transbond™ MIP Moisture Insensitive Primer

| Transbond | MIP | XT |
|---|---|---|
| **Environment** | | |
| Dry | Yes | Yes |
| Moist-Water | Yes | No |
| Moist-Saliva | Yes | No |
| **Application** | | |
| Amount | Liberal Coat | Thin Coat |
| Air Blow Primer | Yes | Only if excess applied |
| Light Cure Primer | No | Only if excess applied |

## Frequently Asked Questions

1. **What does Moisture Insensitive Primer mean?**
   Literally, it means "not physically or chemically sensitive to small quantities of moisture." Clinically, it means "after rinsing and thoroughly removing etchant, drying of tooth surface before priming is not required."
2. **What will happen if I apply Transbond™ MIP moisture insensitive primer to dry teeth?**
   Bond strength will not be affected.
3. **Should I dip the applicator in the Transbond MIP primer before coating each tooth?**
   Yes. Dip applicator and completely saturate the brush tip in the primer before coating each tooth to ensure adequate coverage of etched surface. Adequate coverage is necessary to ensure bond strength.
4. **What if there is water/saliva contamination after the application of the Transbond MIP primer?**
   If bonding is delayed and moisture contamination occurs after the application of primer to the tooth surface, apply one more fresh coat of primer over the contaminated area, blow air for 2-5 seconds and bond immediately.
5. **Why should I blow air on each tooth for 2-5 seconds after applying the Transbond MIP primer?**
   Blowing air for 2-5 seconds helps force the primer into the enamel rods and distributes the primer evenly, ensuring adequate bond strength.
6. **Is Transbond MIP primer compatible with all Transbond light cure adhesives?**
   Yes. Transbond MIP works with Transbond XT™ and LR capsules, Transbond XT syringes, and APC™ Adhesive Coating System.
7. **Is Transbond MIP primer compatible with the chemical cure adhesives?**
   Yes. Transbond MIP primer has been qualified for both Concise™ and Unite™ Chemical Cure Adhesives as well as Sondhi Rapid Set Indirect Bonding Adhesive. Please follow the Instructions for each of the above mentioned adhesives.

3M

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