

# Primer Application Step by Step Comparison



## Transbond™ MIP Moisture Insensitive Primer

1. Prophyl 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. **Apply one liberal coat** 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. Prophyl 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. **Apply thin uniform coat 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
<b>Environment</b>		
Dry	Yes	Yes
Moist-Water	Yes	No
Moist-Saliva	Yes	No
<b>Application</b>		
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.



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