

Transbond™ IDB Pre-Mix
Chemical Cure Adhesive



The Leader in Adhesive Innovation and Excellence

Transbond™ IDB Pre-Mix Chemical Cure Adhesive

The Transbond brand from 3M is known for its uncompromising quality and reliable performance. Transbond™ IDB Pre-Mix Chemical Cure Indirect Bonding Adhesive is a welcome addition to a trusted legacy of adhesives and offers compatibility with lingual or labial indirect bonding systems.

Transbond IDB Pre-Mix Chemical Cure Adhesive:

- Good bond strength for reliable indirect bonding
- Permits wire insertion upon tray removal and clean-up
- Can be used with custom-base adhesives such as Transbond™ XT Light Cure Adhesive
- Ample work time and quick set time

**Transbond™ IDB Pre-Mix
Chemical Cure Adhesive Kit**
110 g bottle Part A
110 g bottle Part B
200 Applicators
20 Disposable Wells
712-120

Disposable Wells
96/pk
712-023

**Transbond™ IDB Pre-Mix Chemical
Cure Adhesive Reorder Items**
110 g bottle Part A
712-121

110 g bottle Part B
712-122

Standard Applicators
100/pk
712-092



Transbond™ IDB Pre-Mix Chemical Cure Adhesive

Frequently Asked Questions

1. Q. What are the indications for use for Transbond™ IDB Pre-Mix Chemical Cure Adhesive?

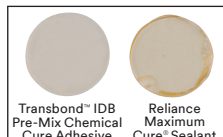
A. Transbond™ IDB Pre-Mix Chemical Cure Adhesive is intended to be an indirect bonding adhesive for the Incognito™ Appliance System and can also be used for indirect bonding of labial brackets with custom bases delivered to the patient in a custom tray.

2. Q. Can Transbond IDB Chemical Cure Adhesive be used in direct bonding techniques?

A. Transbond IDB Pre-Mix Chemical Cure Adhesive is indicated for indirect bonding only. The low viscosity of the adhesive does not allow sufficient bracket stability for standard direct bonding techniques.

3. Q. Is the color of the Transbond IDB Pre-Mix Chemical Cure Adhesive more aesthetic than Reliance Maximum Cure® Sealant?

A. Transbond IDB Adhesive exhibits less discoloration than Maximum Cure Sealant upon curing.



4. Q. Can Transbond IDB Adhesive be used for both labial and lingual indirect bonding techniques?

A. Yes, Transbond IDB Adhesive is indicated for indirect bonding with the Incognito Appliance System and with labial indirect bonding that includes the use of a custom resin base.

5. Q. How many drops of Transbond IDB Adhesive Part A and Part B should be used?

A. Equal drops of each adhesive should be used. Two drops of each part is usually sufficient to bond a single arch tray.

6. Q. How is the Transbond IDB Adhesive Cured?

A. Transbond IDB Adhesive is a chemical cure adhesive. The curing is initiated when Part A and Part B are mixed together.

7. Q. Is the work and set time of Transbond IDB Adhesive temperature dependant?

A. Yes. At room temperature, the work time is 75-90 seconds and the set time is 100-120 seconds. If used directly from the refrigerator, the work time is 135-145 seconds and the set time is 170-190 seconds.

8. Q. Is the set time for Transbond IDB Adhesive independent of the work time?

A. The set time for Transbond IDB Adhesive includes the work time.

9. Q. How does the bond strength of Transbond IDB Pre-Mix Chemical Cure Adhesive compare to Reliance Maximum Cure Sealant?

A. The bond strength of Transbond IDB Adhesive is equivalent to Reliance Maximum Cure Sealant in labial indirect bonding applications.

10. Q. How long should the tray be held in the mouth?

A. The tray should be held firmly in position in the mouth for 3 minutes. The tray should remain seated for a total of 4 minutes before being removed from the mouth.

11. Q. How long should I wait before placing the archwire?

A. Initial archwires may be placed upon removal of the indirect bonding tray and after cleaning all flash and interproximal contacts.

12. Q. Can I use a primer with Transbond IDB Adhesive?

A. Although a primer is not necessary, Transbond IDB Adhesive is compatible with Transbond™ XT Light Cure Primer and Transbond™ MIP Moisture Insensitive Primer. Transbond IDB Adhesive is not compatible with Transbond™ Plus Self Etching Primer.

13. Q. How do I store Transbond IDB Adhesive?

A. Transbond IDB Adhesive should be stored in the refrigerator at all times. It should be moved to the bonding station just before beginning the bonding procedure.

14. Q. What is the shelf life of Transbond IDB Adhesive?

A. The shelf life is two years when the adhesive is stored under refrigerated conditions, 35° to 45°F (2° to 7°C).

15. Q. Is the Transbond IDB Adhesive moisture tolerant?

A. Transbond IDB Adhesive is not moisture tolerant.

Labial Indirect Bonding:

16. Q. Are there any special requirements needed to prepare the stone model for use with Transbond IDB Adhesive?

A. Follow your current laboratory procedure for preparing a stone model, positioning and bonding brackets on to the model.

17. Q. What type of adhesive should be used to create custom resin bases?

A. A hydrophobic adhesive, such as Transbond XT Adhesive or APC™ II Adhesive, should be used to create custom resin bases for labial indirect bonding.

18. Q. How should the tray be prepared for bonding?

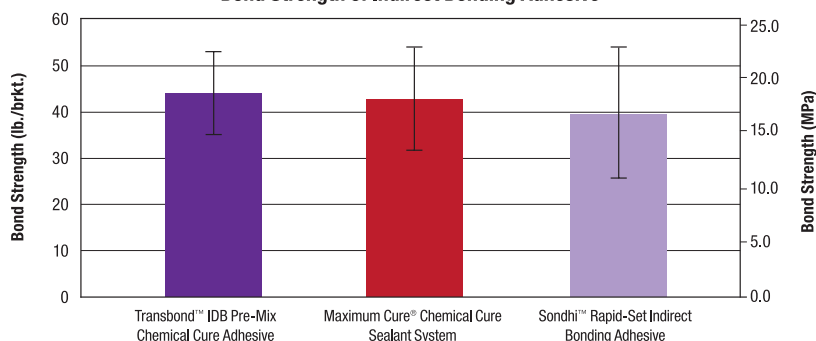
A. Follow your current laboratory procedure for forming custom bases and preparing an indirect bonding transfer tray. Dr. Anoop Sondhi uses a combination hard/soft tray system made from Biocryl™ and Bioplast™. The tray material should be formed using a Biostar™ Series III or Series IV Vacuum Former.¹

19. Q. How does the bond strength of Transbond IDB Adhesive compare to Sondhi™ Rapid-Set Indirect Bonding Adhesive?

A. The bond strength of Transbond IDB Adhesive and Sondhi Rapid-Set Adhesive are equivalent.

¹ Sondhi, Anoop, DDS, MS. "Bonding in the New Millennium: Reliable and Consistent Bracket Placement with Indirect Bonding." World Journal of Orthodontics Volume 2, Number 2, 2001: Pg. 106-114.

Bond Strength of Indirect Bonding Adhesive



Source: 3M Laboratories



3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000 USA
Phone 1-800-423-4588
Web 3M.com/ortho

3M Canada
Health Care Division
300 Tartan Dr.
London, ON N5V 4M9 Canada
Phone 1-800-443-1661

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