

# Adhesion Promoters



## Adhesion Promoters

Tite-R-Bond™ and PP Primer adhesion promoters are designed to work in conjunction with acrylic pressure-sensitive adhesive systems. When used correctly, adhesion promoters become a thin film on the surface of the material on which it is applied. The film anchors itself onto the material surface.

The surface energy of this film is typically higher than the material to which the adhesion promoter is applied. The higher the surface energy level, the better the bond of the pressure-sensitive adhesive. The adhesion promoters are compatible with Saint-Gobain Performance Plastics' full line of NORMOUNT® foam bonding tapes, which utilize an acrylic pressure-sensitive adhesive.

### Tite-R-Bond™

Tite-R-Bond™ improves bonding on polar substrates that resist adhesion, it can be used to develop an immediate quick stick and generally improves pressure sensitive acrylic adhesive systems.

**Tite-R-Bond™ N2292** will be used on ABS - polyurethane - polyester - polycarbonate - metals - acrylic paints . It is available in 1 or 5 liter cans.

**Tite-R-Bond™ 2287A** will be used on rigid PVC, ABS plastic, polycarbonate, rigid polyurethane, metals & paints. It is available in 200 liter drums.

Shelflife : 12 months

### PP Primer 3842

**PP Primer 3842** improves the adhesion to non polar substrates.

It can be used on EPDM, polypropylene, TPO or other low-polar substrates.

PP Primer 3842 is a two-component :

- A component : 4 liter cans

- B component : 1 liter cans

Both components must be mixed before use.

Shelflife : When A & B components are not mixed : 6 months  
When mixed : 6 weeks

## Adhesion Promoters for Use with Pressure-Sensitive Acrylic Adhesives

### Features & Benefits

- Improves bonding where chemical nature of substrate resists adhesion
- Can be used to develop immediate quick-stick, an aid in many applications
- Helps pressure-sensitive adhesive systems cling to irregular or curved surfaces
- Compatible with all Saint-Gobain Performance Plastics' NORMOUNT® polyurethane foam bonding tapes

## Application Guide

- Saint-Gobain adhesion promoters can generally be used on any material substrate. Ask your Customer Service Representative for the current (MSDS) Material Safety Data Sheet for information about specific solvents in Tite-R-Bond™ and PP Primer.
- The substrate should be free of any dirt, wax or oil. It is recommended that a mixture of 50/50 isopropyl alcohol and water be used to clean the surface before application of the adhesion promoter.
- Shake the container well before using. For best results, constant or frequent agitation is recommended.
- The adhesion promoter should be applied in one uniform coat on a clean, dry surface. A clean cloth, applicator bottle, pressurized flow gun, knurled roll or sprayer may be used to apply Tite-R-Bond™ or PP Primer.
- Allow the adhesion promoter to dry completely. The primed area should remain free of dust or contaminants. Apply pressure-sensitive adhesive material when the adhesion promoter has dried.
- Final results will vary based on the substrate and the pressure-sensitive adhesive used. Pre-testing of all applications is highly recommended prior to actual commercial use..

## Application Advice

- Refer to the Materials Safety Data Sheet for specific medical, disposal and handling information.
- During application, avoid contact by wearing protective gloves, goggles and suitable protective clothing.
- Flammable ! Keep away from heat, sparks and open flame.
- Contains regulated chemicals which may cause skin and eye irritation, headaches and nausea. May be harmful if ingested. If contact occurs with skin or eyes, flush with plenty of water for up to 15 minutes and seek medical attention.
- Use in well ventilated areas or use approved respiratory equipment. If person is affected by vapours, move person to fresh air.

## FAQ

Q. Can more than one layer of Tite-R-Bond™ or PP Primer be used on a given substrate ?

A. No. It is not an adhesive and the interface between the two layers usually causes a weak point.

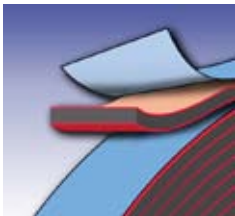
Q. Can pressure-sensitive foam tape be applied while Tite-R-Bond™ or PP Primer is still wet ?

A. No. Being wet means the solvents in the adhesion promoter have not evaporated completely. These solvents could alter the adhesive on the tape and weaken its anchoring on the foam.

Q. Can Tite-R-Bond™ or PP Primer be used to stop plasticizer migration ?

A. No. Although there may be a reduction in migration from the plastic to the adhesive, it should not be used for that purpose.

### Stick with NORMOUNT® Foam Bonding Tapes



NORMOUNT® closed-cell polyurethane foam bonding tapes with high-performance acrylic adhesive will provide an aggressive bond in both interior and exterior applications.

Distributed by:

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