



ADHESION PROMOTERS

Adhesion Promoters for Pressure-Sensitive Acrylic Adhesives

Saint-Gobain® Norbond® Adhesion Promoters are designed to work in conjunction with acrylic pressure-sensitive adhesive systems. When used correctly the adhesion promoter becomes 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. **Norbond** Adhesion Promoters are compatible with **Saint-Gobain's** full line of **Norbond** foam bonding tapes, which utilize an acrylic pressure-sensitive adhesive. There are four standard adhesion promoter formulations designed for various substrates.

The **Norbond** Adhesion Promoters series is specially designed to provide the following features:

- 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** acrylic, pressure-sensitive adhesives used on **Norbond** foam bonding tapes

Available Sizes

- Pint*: 1 case (consists of 24 pint containers)
- Gallon: 1 case (consists of 4 one-gallon containers)
- 5 Gallon: 1 five-gallon container
- 55 Gallon: 1 fifty-five gallon container

* Only formulation #2287A is available in pint containers



Norbond Adhesion Promoter

Plastic formulations and blends vary widely. Typical substrates are shown, but the end user should validate compatibility and effectiveness on specific production materials.

Typical Substrates	Formulation Number	UV Detection*	Shelf Life (months from date of manufacture)	Wet Coating Thickness (in.)	Reference OEM Specification
Rigid PVC, ABS, PC, Rigid PUR, Metals & Paints	2287A		12	.001 - .008	GM 9985813 Type 1
	4300	Y	12		GM 9985813 Type 2
PE, PP, TPO	2684A		6		GM 9985813 Type 3
	4040	Y	6		
TPE/TPV, EPDM	2933A		3		GM 9985813 Type 4
Flexible PVC	3249		12		

* These formulations include fluorescent dye detection visible under black light. Note depending on the color of the substrate, a yellowish residue may be visible under normal light.

Important Instructions

- Because **Saint-Gobain** cannot anticipate or control every potential application, we strongly recommend testing of this product under individual application conditions prior to commercial use. Final results will vary based on the substrate and pressure-sensitive adhesive used.
- **Norbond** adhesion promoters can be used on any material substrate that is not affected by the solvents used in **Norbond**. Ask your customer service representative for the current (MSDS) Material Safety Data Sheet for information about specific solvents in **Norbond** adhesion promoters.
- Surfaces must be clean and free of oil, grease, moisture, dust and dirt. Isopropyl alcohol is good for cleaning the surface.
- Shake the container well before using. For best results, constant or frequent agitation is recommended.
- 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.
- Recommended storage temperature is between 60°F to 80°F (15°C to 27°C).
- Allow adhesion promoter to dry completely. The primed area should remain free of dust or contaminants. Apply pressure-sensitive adhesive material within one hour after application of the adhesion promoter.

Safety Precautions

- 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 vapors, move person to fresh air.



IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: For a period of 6 months, Saint-Gobain warrants this product(s) to be free from defects in manufacturing. The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. SAINT-GOBAIN DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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