

# Gaco Western

S I N C E 1 9 5 5

## Product Data Sheet:

GacoRoofFoam Adhesive F3000  
May 2015

### GACOROOFFOAM ADHESIVE 3000

- DESCRIPTION:** GacoRoofFoam Adhesive 3000 is a two-part spray applied polyurethane foam developed to adhere insulation board and felt-backed single-ply roofing to a variety of substrates. The cure has been adjusted to allow repositioning of the adhered materials for up to ten minutes after application. It contains minimal VOCs and no CFCs or HCFCs; it will not harm the ozone layer.
- SUBSTRATES:** Currently known compatible bonding surfaces include plywood, wafer board, wood fiber recovery board, tar and gravel built-up, concrete, urethane foam, isocyanurate board, polystyrene bead board, extruded polystyrene board, SPS asphalt sheet and primer coated corrugated metal roof sheet. Substrate must be dry and free of dirt, grease, release agents, loose or damaged coating or other contaminants.
- APPLICATION:** Apply using a one-to-one proportioning unit capable of maintaining 110°F-130°F (45°C-54°C) operating temperature and pressure between 1000 and 2000 psi (6.9 and 13.8 MPa). Two-to-one transfer pumps may also be required to adequately supply the metering pump.  
Spray guns normally used for the application of other types of Spray Polyurethane Foam can be used to apply GacoRoofFoam Adhesive 3000.
- REACTIVITY:**
- |                 |                   |
|-----------------|-------------------|
| Cream Time:     | 2 - 5 seconds     |
| Gel Time:       | 2.5 - 4.5 minutes |
| Tack Free Time: | 4.5 - 10 minutes  |

### TYPICAL LIQUID CHEMICAL PROPERTIES:

Property	Isocyanate	F3000 Adhesive
Viscosity @ 77°F (25°C)	200 cps ± 50	900 cps ± 50
Color	Brown	Brown
Lbs. per Gallon	10.2 (1.22 kg/L)	8.7 (1.04 kg/L)
Flash Point	>300°F (149°C)	>212°F (100°C)
Storage Stability	12 months	12 months
Mixing Ratio	1:1 by volume	

### APPLIED PRODUCT DATA:

Property	Test Temp.	ASTM Test	Value
Nominal Density: Sprayed-in-Place	77°F (25°C)	D1622	2.5 - 3.5 lbs/ft <sup>3</sup> (40 - 56 kg/ m <sup>3</sup> )

**NOTE:** All hot work, i.e. welding, torches and open flame work must be completed prior to installation of the polyurethane foam insulation. Smoking in the same area while the spray polyurethane foam insulation is being applied shall be strictly prohibited.

Recommendations and safety considerations for application are outlined in Gaco Western's Spray Guide SG-GacoRoofFoam. The aforementioned information on this product is to be used as a guide and is subject to change without notice. These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods and use of our products are beyond our control. Any obligation of the seller or manufacturer shall have no force or effect unless it is in writing and signed by officers of the manufacturer.

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For specific Safety and Health information please refer to Safety Data Sheet.

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