

GP-300

Spray Polyurethane Foam for Roofing and Insulation

Manufacturer
Integrity Supply Inc.
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Product Description

GP-300 is a fast set, closed-cell polyurethane spray insulation system, blown with 245fa. **GP-300** is a premium construction product made with raw materials that are made from recycled plastic bottles. **GP-300** provides high compressive strengths and R-values. **GP-300** is easy to apply and its fast reaction time allows the contractor to complete difficult jobs quickly.

Uses

GP-300 is a superior roofing and insulation material designed specifically for residential and commercial construction projects. **GP-300** is designed for interior or exterior applications. **GP-300** is recommended for new construction and retrofit of existing structures.

Advantages

Fast set, allows quick job turn-around. Excellent Thermal Stability, and dimensional stability, will not shrink under adverse weather conditions. Odorless, No Toxic Vapors after application, ASTM E84 Class I flame spread rating.

Limitations

GP-300 should be used with a suitable coating for protection from UV light when used as a roofing product. Applicable codes must be strictly adhered to.

Typical Liquid Properties

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>TYPICAL VALUE</u>
Viscosity "A"	ASTM D-2196	150-250 cps @ 25°C
Viscosity "B"	ASTM D-2196	1500-1700 cps @ 25°C
Weight Per Gallon "A"	ASTM D-1475	10.25 LBS/Gallon
Weight Per Gallon "B"	ASTM D-1475	9.8 LBS/Gallon

Typical Reactivity

Cream time	2-3 seconds @ 25°C
Rise Time	12-16 seconds @ 25°C

Typical Physical Properties

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>TYPICAL VALUE</u>
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Density	ASTM D-1622	2.70±0.05 Lbs/ft ³
k-Factor (Aged)	ASTM C-177	.18 BTU in/°F
R-Value (Aged)	ASTM C-518	5.6 °F/BTU in
Compressive Strength	ASTM D-1621-94	50 psi (parallel to rise)

Packaging

One Thousand Pound Kit: 500 Pounds of 'A' side and 500 Pounds of 'B' side.
 One Hundred Pound Kit: 50 Pounds of 'A' side and 50 Pounds of 'B' side.

Mixing

GP-300 must be spray applied using approved equipment. Use 1:1 ratio pump, with appropriate material heaters, as required for individual application. For information contact **Integrity Supply Inc..**

Minimum Parameters for Processing GP-300

Working Pressure	1000-1300 psi
Working Temperature	120-135 °F

Shelf Life

90 Days, in original, unopened factory containers, under normal storage conditions of 55°F to 85°F.

Clean-up

Cured product may be disposed of without restriction. Excess liquid 'A' and 'B' material should be mixed together and allowed to cure, then disposed of in the normal manner. Product containers that are "drip free" may be disposed of according to local, state and federal laws.

Safety

Read Material Safety Data Sheets provided with all shipments. Additional copies are available upon request from **GP-300** or your local dealer. Basic safety for personal protection is: Long-sleeve overalls or disposable TYVEK overalls. Rubber gloves. Splash shield or safety glasses with splash guards. Rubber or leather boots. Do not use near high heat or open flame. Do not take internally. Keep out of the reach of children.

Surface Preparation and Installation

Regard **Integrity Supply Inc.** . specifications for **GP-300** , for detailed preparation and installation procedures. Consult **Integrity Supply Inc.** for recommendations.

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