

GP-2000C

Spray Polyurethane Foam for Insulation

Manufacturer
Integrity Supply Inc.
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Product Description

GP-2000C is a fast set, open-celled all water-blown polyurethane spray insulation system. **GP-2000C** is a premium construction product, and is environmentally friendly. It exhibits superior insulation properties compared to other conventional insulation materials. **GP-2000C** meets the highest flame retardancy standards for construction materials. **GP-2000C** is easy to apply and its fast reaction time allows the contractor to complete difficult jobs quickly.

Uses

GP-2000C is a superior insulation material designed specifically for residential and commercial construction projects. **GP-2000C** is flexible, accommodating movement of the substrate. **GP-2000C** is designed for interior applications only, and is recommended for new construction and retrofit of existing structures.

Advantages

Fast set, allows quick job turn-around. High yield, minimum 5,000 board feet per 1050 pound set. 100% Water-Blown, contains no Ozone Depleting substances. Seamless, expands to fill voids and prevents air movement. Flexible, allows for some building movement. Excellent Thermal Stability, and dimensional stability, will not shrink under adverse weather conditions. Odorless, No Toxic Vapors after application..

Limitations

GP-2000C should not be used for exterior applications as the sunlight will rapidly degrade foam. It should not be used where foam will stay submerged in water. On overhead applications foam must be applied in multiple passes. 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	200-250 cps @ 25°C
Viscosity "B"	ASTM D-2196	400-600 cps @ 25°C
Weight Per Gallon "A"	ASTM D-1475	10.25 LBS/Gallon
Weight Per Gallon "B"	ASTM D-1475	9.15 LBS/Gallon

Typical Reactivity

Cream time 3-4 seconds @ 25°C
Rise Time 12-16 seconds @ 25°C

Typical Physical Properties

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>TYPICAL VALUE</u>
Density	ASTM D-1622	1.80±0.10 Lbs/ft ³
k-Factor	ASTM C-177	.200 BTU in/°F
R-Value	ASTM C-518	5.0 °F/BTU in

Packaging

One Thousand-fifty Pound Kit: 550 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-2000C must be spray applied using approved equipment. Use 1:1 ratio pump, with appropriate material heaters, as required for individual application.

The "B" Component must be agitated continuously during application. For information contact *Integrity Supply Inc...*

Minimum Parameters for Processing GP-2000C

Working Pressure 1000-1500 psi
Working Temperature 120-130 °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-2000C** 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-2000C**, for detailed preparation and installation procedures. Consult **Integrity Supply Inc.** for recommendations.

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