

B-5021

B-5021 HFO / A-2732 is a ditch break polyurethane spray foam system specially formulated without any ozone depletion substances and has a Global Warming Potential (GWP) of 1, which is 99.9% lower than historical blowing agent. This system is designed to be built-up in thickness without scorching or foam splitting.

This system is formulated with renewable and recycled products.

TYPICAL PHYSICAL PROPERTIES			
PHYSICAL PROPERTIES	ASTM Method	Value	
Core Density	D1622	>2.10 lb/ft ³	33.6 kg/m ³
Compressive Strength	D1621	31.0 psi*	213.5 kPa
Dimensional Stability	D2126 (7days, -25°C, ambient R.H)	-0.68%	
	D2126 (7days, +80°C, ambient R.H)	3.47%	
	D2126 (28 days +70°C, 97% ±3% R.H)	7.88%	
Water Absorption (volume)	D2842	<1.0%	
Initial Thermal Resistance	C518 (50mm)	R 14.3 (7.15/in)	2.52 RSI

Properties shown below are to be used as a guide only and not intended for specification properties.

*Tested on panel sample prepared with 2 x 2-inch thickness per pass.

REACTIVITY PROFILE	
Cream Time (seconds)	0 - 1
Gel Time (seconds)	2 - 3
Tack Free Time (seconds)	4 - 5
Free Rise Density (lb/ft³)	2.10

Laboratory results based on machine mixing (Graco E-30) at 110°F/1000psi. Properties shown below are to be used as a guide only and not intended for specification properties.

COMPONENT PROPERTIES		
PROPERTIES	ISOCYANATE A-2732	RESIN B-5021
PROPERTIES	ISOCYANATE A-2732	RESIN B-5021 HFO
Appearance	Brown liquid	Amber liquid
Viscosity @ 25°C	150 – 250 cps	200 - 400cps
Spécific Gravity @ 25°C	1.24	1.17 – 1.21
Mixing Ratio	100	100



Genyk uses the highest-grade raw materials and state-of-the-art manufacturing facilities. The result is a durable and superior product.



Before handling these chemicals, please consult the Safety Data Sheet for the two components, that are available from Genyk.

PACKAGING AND STORAGE			
Additional information	ISOCYANATE A-2732		RESIN B-5021
Packaging	Drum: 227kg / Tote: 1,250kg		Drum: 225kg / Totes: 1,125kg
Storage temperature	59°F - 95°F	15°C – 35°C	59°F - 77°F 15°C – 25°C
Shelf Life	12 months		6 months
<p>General information: All materials should be stored in their original containers and away from heat and moisture, especially after the seals have been broken and the containers have been opened. Storage below 59°F (15°C) may result in compound stratification of the B and/or crystalline formation in the A component and will increase the viscosity of the components making them difficult to pump. Temperatures above the maximum storage temperatures may decrease the shelf life. Extensive venting of the B component may result in loss of blowing agent, higher-density foam and reduced yield. Both components are adversely affected by water and humidity.</p>			

ADDITIONAL INFORMATION

- This product is combustible and must be installed in accordance with applicable building codes.
- The service temperature is between -60°C and 85°C (-76°F and +185°F).
- Temperature, humidity, equipment, substrate can vary installation parameters.

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