

TECHNICAL DATA SHEET

DESCRIPTION

B-5021 / A-2732 is a ditch break polyurethane spray foam system specially formulated without any ozone depletion substances. This system is designed to be built-up in thickness without scorching or foam splitting. This system is formulated with renewable and recycled products.

REACTIVITY PROFILE

Cream Time	Gel Time	Rise Time
0-1 second	3-4 seconds	5-6 seconds

COMPONENT PRODUCT SPECIFICATIONS

PROPERTY	POLYMERIC ISOCYANATE A-2732	B-5021 RESIN
Appearance	Brown liquid	Amber liquid
Viscosity at 25°C	150-250 cps	200-300 cps
Specific gravity	1.22 – 1.25	1.15 – 1.20
Shelf life	12 months	6 months

TYPICAL PHYSICAL PROPERTIES

PHYSICAL PROPERTIES	STANDARD	RESULT
Density (Core)	ASTM D1622	28 kg/m ³ (1.75 lb/ft ³)
Compressive Strength	ASTM D1621	106 kPa (26.4 psi)
Dimensional Stability	ASTM D2126 (28 days, -20°C, Ambient R.H.)	-0.89%
	ASTM D2126 (28 days, +80°C, Ambient R.H.)	4.67%
	ASTM D2126 (28 days, +70°C, 97%+-3% R.H.)	5.32%
Water Absorption (volume)	ASTM D2842	<1.0%
Initial Thermal Resistance (50mm)	ASTM C518	7.32 ft ² .h. ⁰ F/btu.in (1.29 m ² .°C/W)

ADDITIONAL INFORMATION

The service temperature of this foam is between -60°C and +80°C (-76°F and +176°F). As with any plastic insulation, this foam is combustible and must be protected.



GENYK