

GreenSeal 10

SPRAY POLYURETHANE FOAM



For Professional Use Only

GSP DOCUMENT NO.: TDS 2017067

Product Description:

GreenSeal 10 lb Spray Foam is a two component, closed cell spray polyurethane foam system. The product is formed by the reaction of resin blend and polymeric methylene diphenyl diisocyanate. The resin blend is comprised of Polyols, additives, and blowing agents.

Chemical Attributes:

Component	Viscosity (25°C)	Density
Isocyanate	200 cps	10.3 lbs/gal
Resin	700 cps	9.1 lbs/gal

Service Temperature:

GreenSeal 10 lb Spray Foam is designed to be used in ambient temperatures from -40°F and 200°F. It is strongly recommended that tests be conducted before installation for use in extreme temperatures.

Environmental Conditions:

GreenSeal 10 lb Spray Foam is best applied between ambient temperatures of 50-120°F. When temperatures fall below recommended range, the polymer will take longer to cure. When temperatures are above recommended range, the polymer will set up faster.

Optimal spray settings will vary with equipment, hose dimensions, mix head configuration and ambient conditions. It is critical for applicators to understand the limitations associated with their equipment.

Processing Characteristics:

Parameter	A Component	B Component
A/B/H Temperature	110-130°F	110-130°F
Dynamic Pressure	1000-1400 psi	1000-1400 psi

Storage & Shelf Life:

GreenSeal 10 lb Spray Foam components have an optimal shelf life of 12 months when stored in unopened containers at temperature between 50 – 70°F. Excessively high temperatures may reduce optimal shelf life. Store material at 60 – 70°F for 48 hours prior to application.

Safety and Handling Information:

It is critical to read and become familiar with the Safety Data Sheets prior to working with GreenSeal 10 lb Spray Foam liquid components. During application respiratory protection is required for the applicator and bystanders or helpers. For more information, consult Safety Data Sheets or www.greenshieldproducts.com.

TECHNICAL DATA SHEET

Typical Foam Properties:	Test Method	Typical Value
Free Rise Density	ASTM D-1622	10 lbs/ft ³
Compressive Strength	ASTM D-1621	120 lbs/in ²
-40F Dimensional Stability	ASTM D-2126	<1% Change
+200F Dimensional Stability	ASTM D-2126	<1% Change

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