

Insulthane® DB 250 | Ditch Break Foam

Product Description

Insulthane® DB 250 is a two-component, spray-applied polyurethane foam system. The primary purpose of the system is to act as a ditch break. Insulthane® DB 250 is designed to be built-up in thickness without scorching or foam splitting. The spray application creates a continuous insulation system that prevents washouts.

Recommended Applications

- Ditch breaks
- Pipeline support
- General purposes

Theoretical Yield

The yield for this product is approximately 4000-4300 bdf. per set.

Packaging

This product is available in 55 gallon (208 L) drums.

Storage

Store in a dry location between 10-32°C (50-90°F). Keep drums tightly sealed when not in use. Drums must be stored out of direct sunlight.

Application Information

It is the applicator/contractors responsibility to determine the suitability and performance of the material for the project. Other preparation techniques or application information may be required for unique or specialized projects. Contact an Elastochem technical representative for more detailed information.

Typical Properties

Attribute	Test	Results
R Value	ASTM C518	6.47 @ 2"
Compressive Strength	ASTM D1621	32 psi
Density (Nominal)	ASTM D1622	2.3 lb/ft ³
Dimensional Stability ¹ (Volume Change After 30 Days)	ASTM D2126	+1.0% @ 70°C & 97% RH

¹ Dimensional Stability tested without substrate.

Liquid Component Properties

Attribute	Isocyanate	Resin
Colour	Brown	Amber
Viscosity	250 cps	500 - 600 cps
Specific Gravity	1.22	1.10
Shelf Life	12 months	6 months

Processing Parameters

Attribute	Parameter
Pre-Heater Temperature	"A" and "B" 115-125°F (46-52°C)
Hose Temperature	"A" and "B" 115-125°F (46-52°C)
Pressures	1000-1500 psi (dynamic)
Mix Ratio	1 to 1 by volume "A" to "B"
Storage Temperature	50-90°F (10-32°C)

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