

# Insulflow 250 | Polyurethane Pour-in-Place Foam

## Product Description

Insulflow 250 is a two-component, pour-in-place polyurethane foam system. The primary purpose of the system is to act as a pour-in-place system that can be built-up in thickness without scorching or foam splitting.

## Recommended Uses

- General cavity fill
- Ditch breaks
- Bunstock applications
- Insulated panels and cavities

## Packaging

This product is available in 55 gallon (208 L) drums and 275 gallon (1000 L) totes.

## Storage

Store in a dry location between 10-32°C (50-90°F). Keep drums tightly sealed when not in use.

## Processing Parameters

Insulflow 250 should be processed through a plural component system at a 1:1 ratio by volume. For hand mixing procedures, contact an Elastochem specialist for more details.

Attribute	Isocyanate	Resin
Mixing Ratio (volume)	100	100
Mixing Ratio (weight)	110	100
Pressure	800 - 1500 psi	
Pre-Heater Temperature	95-105°F (35-40°C)	
Hose Temperature	95-105°F (35-40°C)	

## 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.



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## Typical Properties

Attribute	Test	Results
R Value	ASTM C518	6.49 @ 2"
Compressive Strength	ASTM D1621	33 psi
Density (Nominal)	ASTM D1622	2.3 lb/ft <sup>3</sup>
Dimensional Stability <sup>1</sup> (Volume Change After 30 Days)	ASTM D2126	+1.0% @ 70°C & 97% RH

<sup>1</sup> Dimensional Stability tested without substrate.

## Liquid Component Properties

Attribute	Isocyanate	Resin
Colour	Brown	Amber
Viscosity @ 25°C (77°F)	250 cps	400 - 500 cps
Specific Gravity @ 25°C (77°F)	1.24	1.12
Shelf Life	12 months	6 months
Storage Temperature	10-32°C (50-90°F)	10-32°C (50-90°F)

## Reactivity Profile

Attribute	Time @ 25°C (77°F)
Cream Time	40 - 50 seconds
Free-Rise Density	2.2 - 2.4 lbs/ft <sup>3</sup>

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