



# Xtreme Polymers Polyurethane Foam Insulation

## Xtreme 450 Product Specification Sheet

Xtreme 450 is a two-component, one-by-one-by-volume spray-applied polyurethane foam. Xtreme 450 is a high-yield, low-density, no-mix, spray-applied insulation foam, which contains zero ozone-depleting blowing agents and is designed to provide good thermal performance and a significant control of air infiltration of an air-barrier assembly. Xtreme 450 is 100% water blown.

### PRODUCT DATA

PROPERTY	TEST METHOD	VALUE
R-Value @ 1"	ASTM C 518	3.72
Core Density	ASTM D 1622	0.45 pcf
Open-Cell Content	ASTM D 6226	> 90%
Dimensional Stability	ASTM D 2126	< 9.3 %
Tensile Strength	ASTM D 1623	4.2 psi
Compressive Strength	ASTM D 1621	N/A
Air Permeance	ASTM E 2178	< 0.02
Noise Reduction Coefficiency	ASTM C 423	0.55
Surface Burning Characteristics	ASTM E 84	Class-1
Flame Spread		< 25
Smoke Development		< 450
Re-Entry Period		4 Hours
Re-Occupancy Period		24 Hours

### IGNITION BARRIER-AC377

TYPE		MAXIMUM SPF THICKNESS (INCH)	MINIMUM THICKNESS (MILS)
DC315	Vertical	8	4 WFT
DC315	Horizontal	14	4 WFT
FS-IB	Vertical	10	6 WFT
FS-IB	Horizontal	15	6 WFT



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### THERMAL BARRIER-NFPA 286

TYPE		MAXIMUM SPF THICKNESS (INCH)	MINIMUM THICKNESS (MILS)
DC315	Vertical	10	18 WFT
DC315	Horizontal	12	18 WFT

### TYPICAL LIQUID PROPERTIES

PROPERTY	TEMPERATURE	ASTM TEST	VALUE	UNIT
Viscosity-A	77 F	ASTM D 2126	200	cps
Viscosity-B	77 F		320	cps
Mixing Ratio			1:01	by volume
Storage Stability			6	months

**Disclaimer:** To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. User must contact Xtreme Polymer to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by Xtreme Polymer

