

PRODUCT DESCRIPTION

X-PRESS Seal XP is a two-component, open cell spray applied polyurethane foam. **X-PRESS Seal 500 XP** provides high-performance thermal insulation, air barrier, and acoustic control. This product is a fully water blown foam system, which contains ZERO ozone depleting blowing agents. Long lasting durability ensures good energy efficiency for years. **X-PRESS Seal 500 XP** has very good adhesion to the surface and does not require additional adhesives and connectors. Recommended product applications include ceilings, walls, and attics.

PRODUCT DATA

PROPERTY	VALUE	TEST METHOD
R-Value at 1"	3.7	ASTM C 518
Core Density	0.45 – 0.50 PCF	ASTM D 1622
Open Cell Content	>90%	ASTM D 6226
Air Permeance	<0.02	ASTM E 2178
Tensile Strength	4.2 PSI	ASTM D 1623
Noise Reduction Coefficient	0.55	ASTM C 423
Dimensional Stability	<9.3	ASTM D 2126

FIRE PROPERTIES

PROPERTY	VALUE	TEST METHOD
Surface Burning Characteristics	Class 1	ASTM E 84
<ul style="list-style-type: none"> • Flame Spread • Smoke Index 	<ul style="list-style-type: none"> <25 <450 	
Attics and Crawl Spaces	Compliant with no coating with specific conditions, see ICC Report SEC 4.2.2	ICC ES AC 377, Appendix X

MATERIAL YIELD INFO

A coverage of approximately 16,000 to 18,000 bd-ft or more, depending upon environmental and substrate temperatures.

TEMPERATURE INFO

X-PRESS Seal 500 XP will perform best when applied to surfaces above 50°F. However, it can be sprayed in lower temperatures, keeping in mind that adding heat to the substrate is recommended to maximize material yield.

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APPLYING PRODUCT

To achieve optimum yield with **X-PRESS Seal 500 XP**, spray on warm substrates, less than 19% moisture content. Do not exceed 6" lifts per pass.

EQUIPMENT SETTINGS

HEATING COMPONENT	PREHEATER TEMPERATURE	PRESSURE
A Side	120°F - 140°F	1100-1400 PSI
B Side	120°F - 140°F	
Hose Heat	120°F - 140°F	

RE-ENTRY

RE-ENTRY TIME – 2 HOURS, RE-OCCUPANCY TIME – 6 HOURS

THERMAL BARRIER

Compliant without coating when attic or crawl space is used for access purposes only, and other conditions apply. See ESR for full requirements.

MATERIAL STORAGE

For maximum shelf life, product should be stored in sealed container, out of direct sunlight, in temperatures between 60°- 90°.

SPILLS OR LEAKS

See the Material Safety Data Sheet (MSDS)

SAFETY & HANDLING DETAILS

Products should be used by trained personnel only. Product users should always wear well-fitting respiratory protection while using products. **Always wear hand and eye protection and a NIOSH-approved breathing apparatus when using this product.** Anyone with known allergies to Isocyanates, Blowing Agents, Catalysts, or Amines should avoid application process. Vapors are not to exceed 0.02 PPM for Isocyanates. Avoid inhaling vapors. If exposed and you experience difficulty breathing, seek immediate medical attention.