

### PRODUCT DESCRIPTION

**X-PRESS Seal 500** is a two-component, 0.5 lb open cell spray applied polyurethane foam. **X-PRESS Seal 500** 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** 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"	3.85	ASTM C 518
Core Density	0.5 – 0.6 PCF	ASTM D 1622
Open Cell Content	98.02%	ASTM D 6226
Water Vapor Transmission-Permeance	24 perms	ASTM E 96
Tensile Strength	5.7 PSI	ASTM D 1623
Fungi Resistance	No Fungi Growth	ASTM C 1338
Dimensional Stability	<2.7%	ASTM D 2126

### FIRE PROPERTIES

PROPERTY	VALUE	TEST METHOD
Surface Burning Characteristics	Class 1 Pass	ASTM E 84
<ul style="list-style-type: none"> <li>• Flame Spread</li> <li>• Smoke Index</li> </ul>	5 450	
Attics and Crawl Spaces	Compliant With DC315 at 4 Mill Wet Cover	ICC ES AC 377, Appendix X

### MATERIAL YIELD INFO

A coverage of approximately 15,000 – 16,000 bd-ft should be expected, depending upon environmental and substrate temperatures.

### TEMPERATURE INFO

**X-PRESS Seal 500** will perform best when applied to surfaces above 50°F. However, it can be sprayed in temperatures as low as 30°F, keeping in mind that anything below 32°F may benefit by spraying a thin layer of foam, followed by thicker passes.

**APPLYING PRODUCT**

To achieve optimum yield with **X-PRESS Seal 500**, spraying lifts between 2” and 4” is recommended. **Do not spray lifts more than 4”** thick, due to potential problems with heat generation.

**EQUIPMENT SETTINGS**

HEATING COMPONENT	PREHEATER TEMPERATURE	PRESSURE
A Side	104°F - 131°F	1200-1600 PSI
B Side	104°F - 131°F	
Hose Heat	104°F - 131°F	

**REACTION PROFILE**

Cream Time: 2-4 sec, Gel Time: 5-8 sec

**THERMAL BARRIER**

Complies with the requirements for such assemblies as prescribed in the following regulatory codes: NFPA 101, Life Safety Code, 2015 Edition, Section 10.2.3.7.2, 2009 IBC Section 803.1.2, and 2009 IRC 316.6 with DC315 at 18 mill wet coverage)

**MATERIAL STORAGE**

For maximum shelf life, product should be stored in sealed container, out of direct sunlight, in temperatures between 50°- 77°.

**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.