

PRODUCT DESCRIPTION

X-PRESS Seal 200 HFO is a zero ozone depleting, two-component, semi-rigid, medium-density, 2-lb closed-cell polyurethane foam insulation system which simultaneously insulates and air-seals your building structure. X-PRESS Seal 200 requires the use of an "A" component (ISO) and blended "B" component (RESIN), which contains environmentally-friendly polyols and fire retarding materials. **X-PRESS Seal 200 HFO** is designed to make homes more energy efficient, quieter, healthier, and more comfortable. **X-PRESS Seal 200 HFO** fills all building cavities, completely sealing all cracks, crevices, and voids where air loss and infiltration are most

PRODUCT DATA

PROPERTY	VALUE	TEST METHOD
R-Value at 1"	6.7	ASTM C 518
R-Value at 3.5"	21	ASTM C 518
Core Density	1.95-2.1 PCF	ASTM D 1622
Closed Cell Content	≥ 96%	ASTM D 6226
Water Vapor Transmission-Permeance	0.99 Perms at 1.5"	ASTM E 96
Tensile Strength	43.5 PSI	ASTM D 1623
Compressive Strength	21.8 PSI	ASTM D 1621
Dimensional Stability	<9.2%	ASTM D 2126

FIRE PROPERTIES

PROPERTY	VALUE	TEST METHOD
Surface Burning Characteristics	Class 1 Pass	ASTM E 84
• Flame Spread	15	
• Smoke Index	300	
Attics and Crawl Spaces	Compliant Without Ignition Barrier	ICC ES AC 377, Appendix X

MATERIAL YIELD INFO

A coverage of approximately 4000-4500 bd-ft should be expected, depending upon environmental and substrate temperatures.

TEMPERATURE INFO

X-PRESS Seal 200 HFO will perform best when applied to surfaces above 45°F. However, it can be sprayed in temperatures as low as 35°F, keeping in mind that anything below 40°F may benefit by spraying a thin flash coat of foam, followed by thicker coats.

APPLYING PRODUCT

To achieve optimum yield with **X-PRESS Seal 200 HFO**, spraying lifts between 2" and 3" is recommended. **Do not spray lifts more than 4"** thick to prevent excessive exotherm or scorching.

EQUIPMENT SETTINGS

HEATING COMPONENT	PREHEATER TEMPERATURE	PRESSURE
A Side	110°F - 130°F	1000-1250 PSI
B Side	110°F - 130°F	1000-1250 PSI
Hose Heat	110°F - 130°F	

VAPOR RETARDER

X-PRESS Seal 200 HFO should be installed at 1.5" to maintain a Class 2 vapor retarding qualification.

THERMAL BARRIER

IRC + IBC Codes require spray foam to be separated from the inside of building structures by a 15-minute thermal barrier, such as a ½ Gypsum Board. Other tested and approved materials may also be acceptable in your area. Refer to your local building codes.

MATERIAL STORAGE

Product must be stored in sealed container, out of direct sunlight, in temperatures between 60°- 80°F.

SPILLS OR LEAKS

See the Material Safety Data Sheet (MSDS)

IN CASE OF FIRE

In case of fire involving **X-PRESS Seal 200 HFO**, use dry chemical extinguishers, such as Mono Ammonium Phosphate, Potassium Chloride, or Potassium Sulfate.

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.