

## PRODUCT DESCRIPTION

**X-PRESS Seal 200** is a 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** is designed to make homes more energy efficient, quieter, healthier, and more comfortable. **X-PRESS Seal 200** fills all building cavities, completely sealing all cracks, crevices, and voids where air loss and infiltration are most common.

## PRODUCT DATA

| PROPERTY                           | VALUE              | TEST METHOD |
|------------------------------------|--------------------|-------------|
| R-Value at 1"                      | 7                  | ASTM C 518  |
| R-Value at 3.5"                    | 24                 | 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** 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 flash coat of foam, followed by thicker coats.



### APPLYING PRODUCT

**X-PRESS Seal 200** is a Hi-Lift product, and can be sprayed up to 4" per pass, with approximately 10-15 minutes per inch cooling time before applying the second pass. **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** 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**, 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.