

FOAMED-IN-PLACE INSULATION

PART 1 – GENERAL

1.1 SUMMARY

- A. Void-Filling SR Foam for the anchorage and reinforcement of existing unreinforced masonry walls (SR Contractors, LLC) Patented system others patents pending. Contact information SR Contractors, LLC, 9600 SW Oak St. Suite 400, Portland, OR 97223, Phone 503-246-1480. Further information available online at www.sr-contractors.com

1.2 REFERENCES

- A. ASTM C272 - Water Absorption of Core Materials for Structural Sandwich Panel Construction
- B. ASTM C518 - Steady State Thermal Transmission Properties by Means of the Heat Flow Meter
- C. ASTM D1621 – Compressive Properties of Rigid Cellular Plastics

1.3 SUBMITTALS

- A. Submit Manufacture's Product Literature
- B. Submit Manufacturer's Storage and Handling Recommendations
- C. Submit Manufacturer's Safety Recommendations

1.4 QUALITY ASSURANCE

- A. Applicator Qualifications
 - 1. A single firm, approved by manufacturer, having a minimum of 5 years of experience in similar installations shall perform pneumatically placed foam work.
 - 2. Each Nozzleman and Foreman shall have at least 2 years of current experience for similar types of projects.
 - 3. Furnish verification of experience to the engineer.
- B. Pre-installation Conference
 - 1. Prior to the commencement of rigid foam work, a meeting shall be scheduled to include owner, engineer, rigid foam subcontractor, and other interested relevant parties to review methods and procedures to be used to achieve end results.

1.5 ENVIRONMENTAL REQUIREMENTS

SEISMIC STRENGTHING:

FOAMED-IN-PLACE INSULATION

- A. Do not install insulation when ambient temperatures exceed the manufacturer's recommendations.

PART 2 – PRODUCTS

2.1 MANUFACTURERS

- A. SR Contractors, LLC

2.2 MATERIALS

- A. SR Contractors SR Foam
- B. Insulation material blowing agent shall not contain CFC or other ODS

2.3 STORAGE AND HANDLING

- A. Component A
 - 1. Store in tightly sealed containers and protect from moisture
 - 2. Store at temperatures above 65 degrees F
 - 3. Follow Manufacturer's current Safety Data sheets for handling and storage
- B. Component B (POLYOL)
 - 1. Store in tightly sealed containers and protect from moisture
 - 2. Store at temperatures above 65 degrees F
 - 3. Follow Manufacturer's current Safety Data sheets for handling and storage

2.4 EQUIPMENT

- A. Utilize manufacturer's recommended equipment

PART 3 - EXECUTION

3.1 Preparation

- A. Verify substrate and adjacent materials are clean, dry and ready to receive insulation.
- B. Verify that all block outs and clearances are correct for installation.

3.2 Application

- A. Rigid Foam insulation

FOAMED-IN-PLACE INSULATION

1. Install in 12 inch lifts at a minimum pressure taking care to no cause deformation of existing walls. In the event deformation of walls occurs cease work immediately and contact engineer.
2. Observe requirements for flammability during and after installation. Verify materials with Fire Marshal prior to commencement of work.
3. Apply insulation in accordance with manufacturers written instructions, latest edition.

3.3 COMPLETION

A. Cleaning

1. Remove all excess insulation materials from site

B. Protection of Finished Work

1. Completed work shall be maintained above 65 degrees F until foam is fully cured.
2. Installed material shall be kept dry at all times.

END OF SECTION

SEISMIC STRENGTHING: