

MW-300 Mineral Wool

SELF-SEAL®
FIRESTOPPING PRODUCTS

TECHNICAL DATA SHEET

Self-Seal® MW-300 is a **NON-COMBUSTIBLE** specially formulated, pre-sized, semi-rigid mineral wool strip with a nominal 4.5 pcf (72 kg/m³) density. The combination of basalt rock and slag results in a non-combustible product with a melting point of approx. 1,177°C (2,150°F). This gives an excellent resistance to fire and is naturally water repellent, yet vapour permeable.

FEATURES & TYPICAL USES:

Self-Seal® MW-300 is compatible with the following:

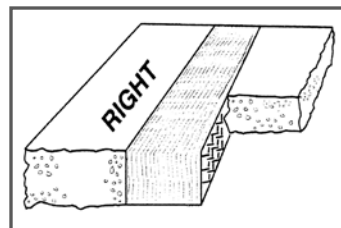
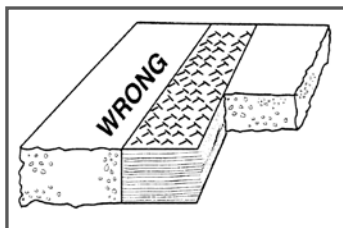
1. Aluminum, pre-cast concrete and most exterior wall systems.
2. Thermally expanding pipes that are insulated at fire separations.
3. Power / communication cables and aluminum / galvanized steel cable trays.
4. Static / non-static pipes and conduits

Before ordering, consult Self-Seal® firestop listings to confirm that there is a firestop system for your particular site condition. Self-Seal® ARCHITECTURAL, MECHANICAL and ELECTRICAL APPLICATION CHARTS can be used as a quick reference. Self-Seal® MW-300 must be installed in accordance with the APPLICATION GUIDELINES FOR Self-Seal® MW-300 MINERAL WOOL.

INSTALLATION:

- All substrates must be clean and sound; free of oil, grease, dust, rust or other foreign materials.
- **FIRST** place the **Self-Seal® MW-300** so that the grain runs parallel to the void or joint. Install so that the total width of uncompressed material is wider than the width of the actual void or joint opening in order to provide the specified minimum compression. Compress material by hand and insert into the void so that the material is recessed to the specified depth from the wall or floor surface.
- **NEXT** follow the same procedure for each and every piece of material, remembering to butt all ends tightly to previously installed material or to the side walls of the void or joint opening in order to maintain a tight continuous fit.

See **APPLICATION GUIDELINES FOR Self-Seal® MW-300 MINERAL WOOL** for further details.



CAUTION

- During installation wear a NIOSH approved dust / fiber respirator.
- Consult Material Safety Data Sheet.

MANUFACTURED BY:

NUCO INC. T: 519.823.4994 TF: 1.800.853.3984
150 Curtis Drive F: 519.823.1099 E: sales@nucoinc.com
Guelph, ON N1K 1N5



FORM: 300_TDS.DOC

REV.: 6 DATE: 11/11



FEATURES:

- Pre-cut strips for easy installation.
- Excellent sound deadening & insulation value.
- Non-combustible.
- Low moisture absorption.
- Water resistant.
- CFC and HCFC free.
- Chemically inert.
- **Nominal** 4.5 pcf (72 kg/m³) density.
- Tested at positive pressure to simulate the pressure differentials that can occur in a fire situation.

AVAILABLE SIZES & COLOUR:

- *Packaged in 2'x1'x4' (0.6m x 1.2m x 0.3m) durable plastic bags.*
- *Approx. 25lb. (11.4 kg) per bag.*
- *Pre-cut strips available in the following sizes:*
- **2"x4'** (96 Lnl.ft.), (29.2 Lnl. m.)
- **3"x4'** (72 Lnl. ft.), (21.9 Lnl. m.)
- **4"x4'** (48 Lnl. ft.), (14.6 Lnl. m.)



www.SelfSealFirestops.com

MW-300 Mineral Wool

TYPICAL PROPERTIES*:

These values are not intended for use in preparing specifications. Spec Writers; please contact NUCO Inc. before writing specifications if any further information is required.

| Description | Specification |
|---|--|
| <i>Standard Test Method of Firestop Systems, CAN4-S115M</i> | Complies |
| <i>Mineral Fiber Block & Board Thermal Insulation</i> | Type IVA, Complies |
| <i>New York City Approval, MEA Approval</i> | Complies |
| <i>City of Los Angeles Approval</i> | Complies |
| <i>Fire Performance, ASTM E-136 & CAN4 S114</i> | Non-Combustible |
| <i>SDI & FS, ASTM E-84 (UL 723) & CAN/ULC S102</i> | SD=0; FS=0 |
| <i>Moisture Resistance, ASTM C1104</i> | 0.04% |
| <i>Corrosive Resistance, ASTM C665</i> | Pass |
| <i>Corrosive Resistance, ASTM C795</i> | Conforms |
| <i>Acoustical Performance, ASTM C423</i> | NRC |
| <i>Thickness = 2.0</i> | 1.00 |
| <i>Thickness = 3.0</i> | 1.05 |
| <i>Thickness = 4.0</i> | 1.10 |
| <i>Compressive Strength, ASTM C165 (@ 10%)</i> | 144 psf (6.9 kPa) |
| <i>Density, ASTM C612-00 Actual</i> | 4.5 lbs/ft ³ ; 72 kg/m ³ |

DISCLOSURE

The information and data contained herein is BASED ON INFORMATION WE BELIEVE TO BE RELIABLE. Please read all statements, recommendations or suggestions herein in conjunction with our CONDITIONS OF SALE which apply to all goods supplied by us. We assume no responsibility for the use of these statements, recommendations or suggestions, nor do we intend them as recommendation for any use which would infringe any patent or copyright.



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SPECIFICATIONS:

Self-Seal® MW-300 meets:

- ASTM E-136,
- ASTM E84
- CAN/ULC-S114
- CAN/ULC S102
- CAN4-S115M
- City of NY
- City of LA

WARRANTY INFORMATION:

NUCO Inc., warrants only that its product will meet its specifications. NUCO shall in no event be liable for incidental or consequential damage. NUCO's liability, expressed or implied is limited to the stated selling price of any goods found to be defective.

