Spray Thermal / Acoustic Insulation

Divisions 7- 9

Product Name
Monoglass® Spray-On Insulation, Glass Fiber Insulation Spray Applied for Thermal and Acoustic Applications.

Manufacturer
Monoglass® Incorporated
1200 W. 73rd Ave Suite 922 Vancouver,
B.C. Canada V6P 6G5
Phone: 888-777-2966
Phone: 604-261-7712
Fax: 604-261-1342
www.monoglass.com
e-mail: info@monoglass.com

Product Description
BASIC USE
Monoglass® Spray-On is intended for use in residential and commercial construction, for use as a thermal and acoustic insulation. It can be sprayed onto most surfaces, in wall and ceiling applications.

Composition & Materials
Monoglass® Spray-On is made from 25% recycled glass, is inorganic, non-toxic, odorless, and white for high light reflectance. Monoglass® is a non-combustible product, and contains no cellulose or asbestos. The polymer adhesive used to apply Monoglass® Fiber is water based and non-hazardous.

Applications
Monoglass® bonds to concrete, wood, steel, gypsum, rigid fiberglass and plastic insulations. The pneumatic application allows it to be spray applied to virtually any surface configuration.

Limitations
Maximum thickness to be spray applied on overhead surfaces without mechanical support is 5" (R-20). Higher R-Values can be achieved with mechanical support, contact Monoglass® Inc. for details.

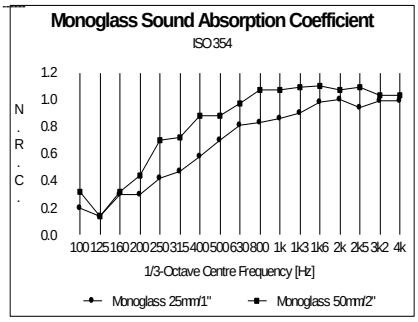
Maximum thickness to be sprayed on vertical surfaces without mechanical support is 7" (R-28).

Monoglass® Adhesive must be kept from freezing. Monoglass® cannot be applied when ambient and substrate temperatures are below 1°C / 34°F during the application and until the product is completely dry to the substrate. Adequate dry heat and ventilation must be supplied at low temperatures.

Monoglass® Fiber should be kept dry during shipping and storage prior to installation.

Technical Data
APPLICABLE STANDARDS
American Society for Testing and Materials (ASTM):

- Fire Hazard ASTM E84-07(b): Flame Spread = 0, Smoke Developed = 0
- Thermal Conductivity ASTM C518: R-Factor = 4.00/inch K-Factor = 0.25
- Noise Reduction Coefficient ASTM C423-77: .80 - .85 NRC 1.4" on solid backing
- Dry Density ASTM D1622-83: 2.8 pounds/cubic foot
- Non-Combustibility ASTM E-136-82: Non-Combustible
- Air Erosion ASTM 859: No Weight Loss
- Adhesion/Cohesion ASTM E-736-86: Passed
- Fungal Bacterial Resistance ASTM G-21 and MIL STD810F: No Growth



Acceptances
- National Building Code, Canada: CCMC10025-R
- U.S. Coast Guard & Canada Board of Steamship Inspection
- New York City Building Standards: MEA 333-88M
- State of California: CA-T318CN
- British Standard: BS-476 pt4
- International Marine Organization: IMO A-472
- South Africa Bureau of Standards and International Standards Organization: Thermal, Acoustic & Non-Combustibility

Installation
Monoglass® Spray-On shall be installed in accordance with manufacturer's instructions, using only Monoglass® Bonding Adhesive with Monoglass® Fiber. Contact Monoglass® Inc. for further details.

Monoglass® can be applied to most surfaces, however all surfaces should be inspected to ensure they are dry, clean, free of oil, grease, dirt, loose paint, mill scale or other deleterious material that would impair bond or cause staining of the product.

The Monoglass® surface can be left untamped for conventional finishes, or tamped and over-sprayed for flatter finish, or painted.

Availability & Cost
Monoglass® Spray-On insulation is available throughout Canada, the United States, and many countries worldwide. Contact Monoglass® Inc. (1-888-777-2966) for the names of contractors and Monoglass® Agents in your area.

Technical Assistance
Please contact Monoglass® Inc. or your Monoglass® Agent for technical assistance, complete product literature and test reports.