



Premium Spray Applied Acoustic Treatment

## Spray Acoustic Insulation

### Division 9

#### Product Name

Sonoglass Spray-On Insulation  
Glass Fiber Insulation Spray  
Applied for Acoustic Applications.

#### Manufacturer

Monoglass Incorporated  
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#### Product Description

##### BASIC USE

Sonoglass Spray-On is intended for use in residential and commercial construction, for use as an acoustic insulation. It can be sprayed onto most surface configurations and materials.

##### COMPOSITION & MATERIALS

Sonoglass Spray-On is made from 37% - 42% recycled glass, is inorganic, non-toxic, odorless, and white for high light reflectance. Sonoglass contains no cellulose or asbestos. The polymer adhesive used to apply Sonoglass Fiber is water based and non-hazardous.

#### APPLICATIONS

Sonoglass bonds to clean 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 is 3-inches. The Adhesive must be kept from freezing. Sonoglass cannot be applied when ambient and substrate temperatures are below 1C / 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. Sonoglass Fiber should be kept dry during shipping and storage prior to installation. Product is not washable. Not to be applied where contact will occur, such as below 8' high on wall applications.

#### Technical Data

##### APPLICABLE STANDARDS

American Society for Testing and Materials (ASTM):

- Fire Hazard ASTM E84-07: Flame Spread = 0, Smoke Developed = 0
- Thermal Conductivity ASTM C518: R-Value= 3.73
- Noise Reduction Coefficient ASTM C423: NRC of 0.75 @ 0.8 inches  
NRC of 1.00 @ 1.7 inches
- Dry Density ASTM D1622 8 pounds/cubic foot
- Air Erosion ASTM 859: 0.11g mass loss
- Adhesion/Cohesion ASTM E-736: 293 psf
- Compressive Strength 1.3 psi
- Mil Std 810: Zero Mold Growth

#### Coatings

Sonoglass can be coated with a medium application of InsulSeal protective coating with no affect to the NRC ratings.

#### Installation

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

Sonoglass 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 materials that would impair bond or cause staining of the product. The Sonoglass surface must be tamped and over-sprayed with adhesive. It may also be painted as required.

#### Availability & Cost

Sonoglass Spray-On insulation is available throughout Canada, the United States, and many countries worldwide. Contact Monoglass Incorporated for the names of contractors and Sonoglass Agents in your area.

#### Technical Assistance

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