



## Spray Acoustic Insulation Division 9

### Product Name

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

### Manufacturer

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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 25% 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 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 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. Adequate ventilation must be supplied for all applications to ensure proper curing and bond.

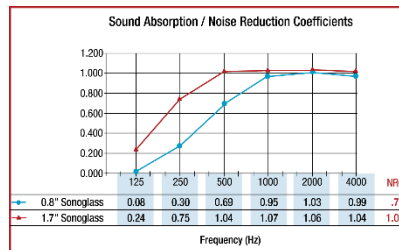
Sonoglass® Fiber must be kept dry during shipping and storage prior to installation.

#### Technical Data

##### APPLICABLE STANDARDS

American Society for Testing and Materials (ASTM):

- Fire Hazard ASTM E84-07:  
Flame Spread = 0  
Smoke Developed = 0
- Thermal Conductivity ASTM C518: R-Value= 3.94 / inch
- Dry Density ASTM D1622  
2.29 pounds/cubic foot
- Air Erosion ASTM 859: 0.11 g mass loss
- Adhesion/Cohesion ASTM E-736  
293 psf
- Compressive Strength 1.3 psi
- Mil Std 810: Zero Mold Growth
- ASTM E 136: Non-Combustible



- Noise Reduction Coefficient ASTM C423:
  - **NRC of 0.75 @ 0.8 inches**
  - **NRC of 1.00 @ 1.7 inches**

#### Coatings

Sonoglass can be coated with a medium application of Insulseal protective coating with no affect to the NRC ratings. Contact Monoglass Inc. for more information on Insulseal products.

#### 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. All surfaces must be inspected to ensure they are dry, clean, free of oil, grease, rust, dirt, loose paint, mill scale or other deleterious material that would impair bond or cause staining of the product. Prime/clean and prepare substrate as needed to prevent bond impairment and/or staining.

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® Inc. (1-888-777-2966) 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.