

# Monoglass® Spray-On Insulation

## LEED BD+C v4.0 and v4.1 Credit Contributions

### Material and Resources (MR) Credits

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**Credit: Building Product Disclosure and Optimization - Sourcing of Raw Materials (v4.1)**

**Option 2- Leadership Extraction Practices (1 POINT)**

Monoglass® Spray-on Insulation contains the following recycled contents:

- Post-consumer Recycled Content: 53%
- Pre-consumer Recycled Content: 5%

### Energy and Atmosphere (EA) Credits

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**Credit: Minimum Energy Performance and Optimize Energy Performance (v4.1)**

**Option 1- Whole Building Energy Simulation (1-18 POINTS; 1-16 POINTS FOR SCHOOLS; 1-20 POINTS FOR HEALTHCARE) OR Option 2- Prescriptive Compliance: ASHRAE Advanced Energy Design Guide (1-6 POINTS)**

Monoglass® Spray-On Insulation can be utilized to meet the mandatory provisions of ANSI/ASHRAE/IESNA Standard 90.1-2016 for thermal insulation.

Monoglass® Spray-On Insulation has an R-value of 4.00 per inch.

### Indoor Environmental Quality (IEQ) Credits

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**Credit: Low-Emitting Materials (v4.1)**

**Option 1- Product Category Calculations OR Option 2- Budget Calculation Method (1-3 POINTS)**

Monoglass® Spray-on Insulation has a general emissions evaluation that passes the California Department of Public Health Standard Method (CDPH Std. Mtd.) v1.2-2017. Our range of TVOC after 336 hours is 0.5 mg/m<sup>3</sup> or less, under the school classroom and private office exposure scenarios. This product falls under the Insulation Category under the low-emitting materials credit. **CDPH v1.2-2017 compliant**

**Credit: Thermal Comfort**

**Option 1- ASHRAE Standard 55-2010 (1 POINT)**

The thermal comfort design of Monoglass® Spray-On Insulation is compliant with the ASHRAE Standard 55-2010 and has an R-value of 4.00 per inch.

**Credit: Acoustic Performance (v4.1)**

**Option 1- Speech Privacy, Sound Isolation, and Background Noise (1 POINT)**

Monoglass® Spray-On Insulation has an NRC of .75 at 1 inch and an NRC of .95 at 2 inches and would contribute to an STC rating in conjunction with the other components of the building envelope.

**Monoglass® Incorporated**