COMPANY
Johns Manville, a Berkshire Hathaway company, was founded in 1858. Our ownership by Berkshire Hathaway, one of the most admired companies in the world and one of the most financially secure, allows JM to invest for the future. This enables JM to continue delivering the broadest range of insulation products in the industry and offering innovative solutions that meet your needs.

DESCRIPTION
MinWool® Window Wall Insulation is made of inorganic fibers derived from basalt, a volcanic rock. Advanced manufacturing technology ensures consistent product quality, with high-fiber density and low shot content for excellent performance. MinWool Window Wall Insulation is inorganic, noncombustible, moisture resistant, non-deteriorating, and will not mildew or support corrosion.

USE
MinWool Window Wall Insulation is designed to provide superior fire resistance and thermal properties, primarily in glass and metal window wall systems. MinWool Window Wall is particularly useful for backpan applications and for addressing exposed floor slab areas in commercial window wall construction.

INSTALLATION
MinWool Window Wall is easy to install. It is easily cut with a utility knife for convenient jobsite fabrication. A wide range of thicknesses facilitates optimum material usage.

PACKAGING
MinWool Window Wall is packaged in poly shrink wrap.

DESIGN CONSIDERATIONS
MinWool Window Wall may also be used in fire-rated wall assemblies as required by the building code. A fire suppression system may also be needed in conjunction with good construction practices to provide adequate fire protection for the building. The need for and the placement of a vapor retarder in commercial construction depends on many factors. The architect or specifier should evaluate the requirements for each project. Two-hour and three-hour fire-rated assemblies are listed in the UL Fire Resistance Directory.

LIMITATIONS OF USE
Check applicable building codes.

PERFORMANCE ADVANTAGES
Excellent Acoustical Performance: Lightweight, flexible insulation batts are excellent sound absorbers, efficiently reducing sound transmission.

Fire Safety: MinWool Window Wall has a melting point in excess of 2000°F (1093°C). See Applicable Standards for details.

Noncombustible: See Applicable Standards for details.

Durable & Inorganic: MinWool Window Wall does not support growth of fungi, nor does it sustain vermin.

ENERGY AND ENVIRONMENT

*GREENGUARD certification is not intended for residential environments. Instead, the certification is intended only for buildings meeting ASHRAE-62.1-2007 commercial building ventilation rates. This certification is proof that the product meets the GREENGUARD Environmental Institute’s indoor air quality standards and product emission standards for VOCs.
### APPLICABLE STANDARDS & BUILDING APPLICATION*

**MINWOOL WINDOW WALL**

- ASTM C612 Classification Type I-IVa
- ASTM C665 Corrosivity to Steel, Passes
- ASTM C1104 Water Vapor Sorption, <1% By Weight, <0.02% by Volume at 120°F (49°C), 95% RH
- ASTM C1338 Fungi Resistant, Passes
- ASTM E84 Flame Spread/Smoke Developed, Unfaced 0/0
- ASTM C411 Hot Surface Performance – 1200°F
- ASTM E136 Noncombustible, Passes
- ASTM C1617 Thermal Insulation Corrosion of Metals – Pass
- UL 723, CAN/ULC-S102, Unfaced 0/0
- CAN4-S114-M, Passes
- City of New York, MEA-346-90
- ICC (International Building Code), All Building Classification Types

*DISCLAIMER: JM products are designed, manufactured and tested to strict quality standards in our own facilities. This, along with third-party auditing, is your assurance that this product delivers consistent high quality.

### STANDARD SIZES

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>DENSITY ASTM C612</th>
<th>R-VALUE/inch</th>
<th>RSI-VALUE/25mm</th>
<th>WIDTH</th>
<th>LENGTH</th>
<th>UNFACED</th>
</tr>
</thead>
<tbody>
<tr>
<td>MINWOOL WINDOW WALL</td>
<td>3.5 (48)</td>
<td>4.2</td>
<td>0.73</td>
<td>24 (610)</td>
<td>48 (1219)</td>
<td>1.5–4 (38–102)</td>
</tr>
</tbody>
</table>

*Thickness range available in ½" (13mm) increments. Custom lengths, widths and thicknesses are also available. R-value is determined in accordance with C518.*