Fiberglass Mineral Surfaced Roll Roofing

Fiberglass Mineral Surfaced roll roofing is a glass fiber reinforced asphalt coated product with a ceramic granular surface to protect against UV, weathering and physical damage. It is lightly coated with a mineral release material on the bottom side.

Features and Benefits

- Versatile and easy to handle
- Durable and cost-effective
- Reinforced with glass fiber mat ensuring dimensional stability during installation
- Specially formulated asphalt gives lasting performance
- Minimal dead load weight
- Rolls lay flat and resist wrinkling for easy application
- Low-slope residential and commercial use
- Factory controlled characteristics
- Granular surfacing available in multiple colors to complement most shingle applications
- Meets ASTM D 3909
- UL Approved in Class A, B, and C roofs (Type G3 BUR)

Available Colors

White, Black, Cedar Blend, Weatherwood, Dark Brown, Red, Hickory, Slate Gray and Green

Usage

Fiberglass Mineral Surfaced roll roofing is a general purpose roofing product designed for use in new roofing and re-roofing installations utilizing hot mopping asphalt, cold process adhesives or mechanical fasteners. While frequently used for residential low-slope applications such as porches and carports or as flashing material, it can also be used as a base sheet in commercial applications.

Storage and Handling

- Fiberglass Mineral Surfaced roll roofing requires protection from damage and the weather.
- Constantly store rolls upright, in a dry location and never more than two pallets high.
- When storing two pallets high, position a plywood sheet between pallets.
General Precautions

- All roofing materials must be kept clean and free of moisture prior to installation.
- The roof deck must be clear of all debris and moisture prior to installing the Fiberglass Mineral Surfaced roll roofing.
- Fiberglass Mineral Surfaced roll roofing shall not be installed when wet.
- Ensure roof has positive drainage prior to installation.
- Warm weather conditions are ideal for good adhesion. Application should be made when ambient temperature is 50°F or higher.
- Follow Occupational Safety and Health Administration (OSHA) safety standards; use common sense measures and adequate precautions to prevent accidents.
- Fiberglass Mineral Surfaced roll roofing must be installed as per Tarco published installation guidelines. Follow the National Roofing Contractors Association (NRCA) roofing manual and relevant application guidelines from the Asphalt Roofing Manufacturers Association (ARMA).
- Local codes may supersede these instructions. Check with the local building code administrator for specific requirements.

Application

- Unroll the Fiberglass Mineral Surfaced roll and allow it to relax in direct sunlight.
- Cut the roll into manageable lengths, typically 12 to 18 feet, before installation.
- Install a full width roll in a horizontal manner such that the edges are flush with eaves and rakes.
- For nailable substrates, mechanically fasten with approved roofing nails, driven by hand or pneumatically, spaced 9 inches o. c. in the center of the lap area, and two staggered rows fastened 18 inches o. c., 12 inches from each edge in the field of the sheet.
- Nails should be galvanized #11 or 12, a minimum of 1 inch long with 3/8 inch heads and long enough to penetrate the deck.
- All nails shall be covered. If any remain exposed, cover them with asphalt roof cement.
- Install the next course by overlapping a minimum of 2 inches on side laps and a minimum of 4 inches on end laps, or as per applicable Building Code.
- Stagger end laps a minimum of 3 feet on subsequent courses.
- Pay close attention to the laps because proper sealing is critical.

Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Typical Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pliability at 25°C</td>
<td>Pass</td>
<td>ASTM D 228</td>
</tr>
<tr>
<td>Unroll @ 50°F and 140°F</td>
<td>Pass</td>
<td>ASTM D 3909</td>
</tr>
<tr>
<td>Loss on Heating @ 221°F</td>
<td>0</td>
<td>ASTM D 228</td>
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</tbody>
</table>

Product Data

<table>
<thead>
<tr>
<th></th>
<th>Width</th>
<th>Length</th>
<th>Roll Size</th>
<th>Weight</th>
<th>Rolls Per Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>36 in</td>
<td>36 ft</td>
<td>108 Sq Ft</td>
<td>72 lb (nominal)</td>
<td>22</td>
</tr>
</tbody>
</table>

Warranty

Fiberglass Mineral Surfaced Roll Roofing is warranted to be free from manufacturer’s defects.

Note

All statements, information and data given herein are believed to be accurate and reliable but are presented without guaranty, warranty or responsibility of any kind, expressed or implied, except as may be indicated otherwise in this literature.