THE JOHNS MANVILLE HYBRID SOLUTIONS

A comprehensive system built on the union of single ply and bituminous products for proven performance.

The redundant, multi-ply, monolithic system ensures dependability, energy savings and lower maintenance costs.

TPO OR PVC FLEECE BACKED MEMBRANE

ASPHALT

SBS PLY SHEETS OR BUR FELTS

ASPHALT

SBS PLY SHEETS OR BUR FELTS
- Provides energy savings through exceptional reflectivity
- Meets or exceeds ENERGY STAR®, CRRC®, LEED and Title 24, Part 6
- Balances strength, performance and flexibility for longevity
- JM PVC has excellent chemical resistance
- JM TPO is a cost-effective solution
- Heat welded thermoplastic seams create a monolithic membrane solution

- JM partners with a select group of qualified asphalt suppliers in bulk and tank
- Offers one of the most cost-competitive adhesive/attachment options in the market
- Provides exceptional waterproofing

- Delivers superior waterproofing in the toughest climates
- SBS modified bitumen imparts elasticity and flexibility that’s proven to protect
- Multi-ply BUR combines the strength of fiber glass with the superior waterproofing and adhesion of hot asphalt

- High-density roof board
- Top surface is sealed with TopLoc® coating to provide a strong surface for bonding

- Keeps occupants warmer in the winter and cooler in the summer
- Offers one of the highest R-values per inch on the market compared to other common insulation types

This is only one of the many hybrid systems JM offers.

<table>
<thead>
<tr>
<th>CRRC®</th>
<th>JM TPO FB</th>
<th>JM PVC FB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reflectivity: Initial</td>
<td>.77</td>
<td>.86</td>
</tr>
<tr>
<td>Reflectivity: 3-year</td>
<td>.70</td>
<td>.70</td>
</tr>
<tr>
<td>Emissivity: Initial</td>
<td>.87</td>
<td>.86</td>
</tr>
<tr>
<td>Emissivity: 3-year</td>
<td>.86</td>
<td>.82</td>
</tr>
<tr>
<td>Solar Reflex Index (SRI): Initial</td>
<td>95</td>
<td>108</td>
</tr>
<tr>
<td>Solar Reflex Index (SRI): 3-year</td>
<td>85</td>
<td>84</td>
</tr>
</tbody>
</table>

GREATER THICKNESS
GREATER PROTECTION
GREATER DEPENDABILITY
Johns Manville offers one of the most comprehensive guarantees in the roofing industry. That’s the advantage you can expect from a longtime, dependable leader with the financial backing of Berkshire Hathaway.