STRUCTODEK® HD WITH PRIMED RED COATING
Fiberboard Roof Insulation

A High-Density Wood Fiber Roof Cover Board
- Optimal bonding surface for single-ply adhesives
- Lightweight and easy to install
- Excellent structural rigidity and dimensional stability

LIGHT WEIGHT.
SUPERIOR ADHESION.

STRUCTODEK with Primed Red Coating is a high-density, ½” wood fiber roof cover board. It has a proprietary, patent-pending, environmentally friendly, non-asphaltic red primer on two sides to provide superior adhesion without excess adhesive absorption.

Features & Benefits
- Can be used on any low-slope roofing application whether new, recover or tear-off
- Lightweight compared to many other roofing cover boards
- Available in 4’x4’ and 4’x8’ boards (W56-358-8533 for a 4’x4’ ½” board and W56-358-8534 for a 4’x8’ x ½” board)
- Compatible with adhesives used on all single-ply membranes including low VOC, water-based and foam adhesives
- Fiberglass-free and cuts with a standard utility knife
- UL and FM approved in many assemblies
- R-Value of 1.3 for the ½” thickness, and 2.5 for 1.0”
- Can be included in GenFlex Warranty
- Can help contribute to LEED® Credits
- Stocked in 12 locations around the country to facilitate job start-ups and completions
PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical Properties</th>
<th>0.5” (12.7 mm)</th>
<th>1.0” (25.4 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transverse strength, min, lbf (N)</td>
<td>14</td>
<td>24</td>
</tr>
<tr>
<td>Tensile strength parallel, min, lbf/in² (kPa)</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>Tensile strength perpendicular, min, lbf/ft² (kPa)</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>Vapor permeance, grains/hr•sq ft•in Hg pressure differential, (mg/s•m²kPa) actual</td>
<td>23.7</td>
<td>23.7</td>
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<tr>
<td>Water absorption by volume, max, %</td>
<td>7.0</td>
<td>7.0</td>
</tr>
<tr>
<td>Moisture content by weight, max, %</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Linear expansion 50-90% RH, max, %</td>
<td>0.5</td>
<td>0.5</td>
</tr>
<tr>
<td>Modulus of rupture, min, lbf/in² (kPa)</td>
<td>275</td>
<td>140</td>
</tr>
<tr>
<td>Deflection at specified min. load, max (mm)</td>
<td>0.75</td>
<td>0.42</td>
</tr>
<tr>
<td>Flute spanability max width, in (mm)</td>
<td>1.625</td>
<td>2.625</td>
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</tbody>
</table>

STANDARD NEW CONSTRUCTION OR RE-ROOF ASSEMBLIES

- FM Approved Class 1 – FM Approval Standard 4450/4470
- UL Classified to Canadian Std CAN/ULC-S107 and US Std UL 790
- ASTM C 208, Type II, Grade 1 and Grade 2
- CAN/ULC-S706-09 Type II, Classes 1 and 2
- Canadian Evaluation CCMC #13186-L
- FBC product approval number, FL #13792.1
- Water Absorption 7% max per ASTM C 208