

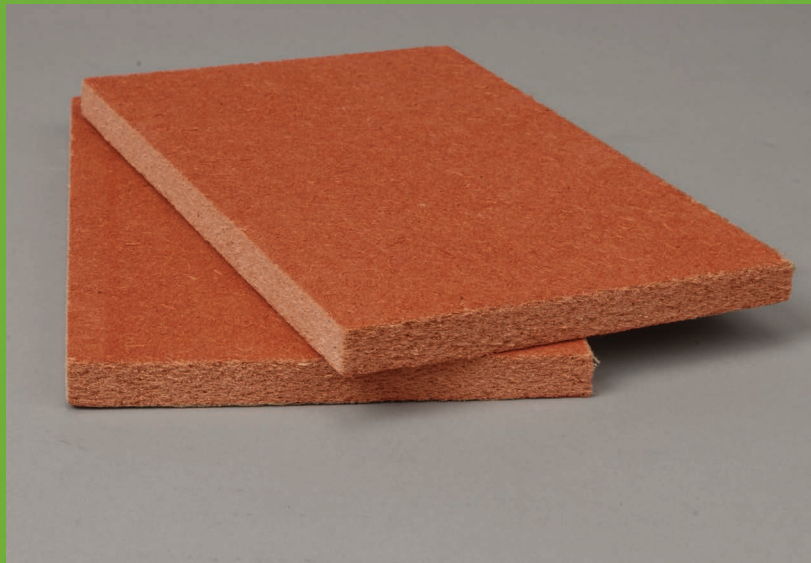
STRUCTODEK® HD WITH PRIMED RED COATING

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, 1/2" 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

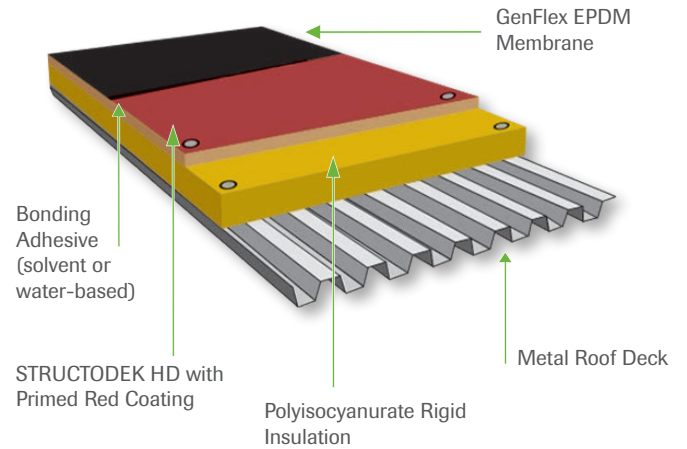
- ▼ Can be used on any low-slope roofing application whether new, recover or tear-off
- ▼ Lightweight compared to many other roofing cover boards
- ▼ Available in 4'x4' and 4'x8' boards (W56-358-8533 for a 4'x4' x 1/2" board and W56-358-8534 for a 4'x8' x 1/2" board)
- ▼ Compatible with adhesives used 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 1/2" 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

Physical Properties	0.5" (12.7 mm)		1.0" (25.4 mm)	
	IN	MM	IN	MM
Transverse strength, min, lbf (N)	14	62.3	24	107
Tensile strength parallel, min, lbf/in2 (kPa)	150	1,034	150	1,034
Tensile strength perpendicular, min, lbf/ft2 (kPa)	600	28.7	600	28.7
Vapor permeance, grains/hr•sq ft•in Hg pressure differential, (mg/s•m2kPa), actual	23.7	1.36	23.7	1.36
Water absorption by volume, max, %	7.0	---	7	---
Moisture content by weight, max, %	10	---	10	---
Linear expansion 50-90% RH, max, %	0.5	---	0.5	965
Modulus of rupture, min, lbf/in2 (kPa)	275	1,896	140	965
Deflection at specified min. load, max in (mm)	0.75	19	.42	11
Flute spanability max width, in (mm)	1.625	41	2.625	67



STANDARD NEW CONSTRUCTION OR RE-ROOF ASSEMBLIES



COMPLIANCES

- ▶ 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



STRUCTODEK is a trademark of Blue Ridge Fiberboard, Inc.