



# STRUCTODEK<sup>®</sup> HD WITH PRIMED RED COATING

## 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 AND BENEFITS

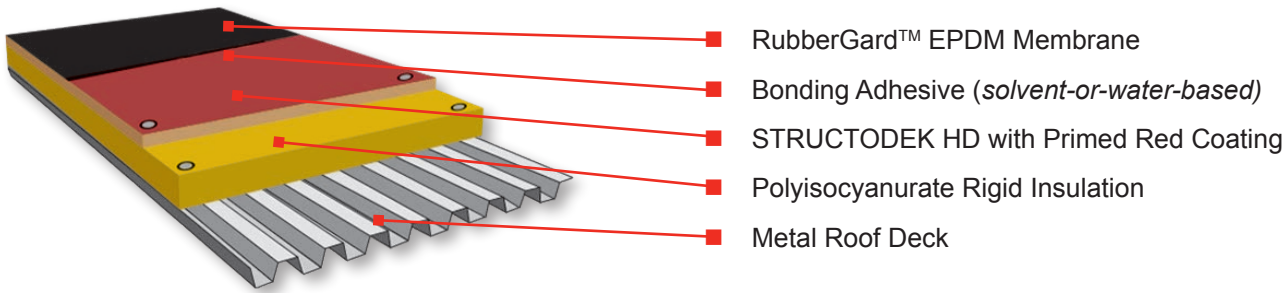
- Can be used on any low-slope roofing application whether new, recover or tear-off
- Lightweight compared to many other roofing cover boards
- Available in 4'x4' and 4'x8' boards (*W56-358-8531 for a 4'x4' x 1/2" board and W56-358-8532 for a 4'x8' x 1/2" board*)
- Compatible with adhesives used on all single-ply membranes including low VOC, water-based and foam adhesives
- Compatible with Firestone approved hot asphalt and Firestone's All-Purpose MB Cold Adhesive
- 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
- Can be included in Firestone Red Shield™ Warranty
- Can help contribute to LEED® Credits
- Stocked in 12 locations around the country to facilitate job start-ups and completions

## PHYSICAL PROPERTIES

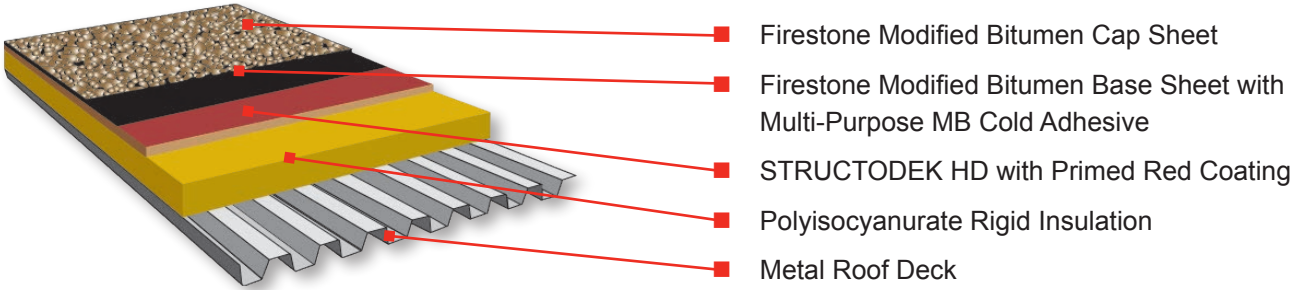
| Physical Properties  | 0.5" (12.7 mm) |       |
|--|----------------|-------|
|  | IN             | MM    |
| Transverse strength, min, lbf (N)  | 14             | 62.3  |
| Tensile strength parallel, min, lbf/in2 (kPa)                                      | 150            | 1,034 |
| Tensile strength perpendicular, min, lbf/ft2 (kPa)                                 | 600            | 28.7  |
| Vapor permeance, grains/hr•sq ft•in Hg pressure differential, (mg/s•m2kPa), actual | 23.7           | 1.36  |
| Water absorption by volume, max, %   | 7.0            | ---   |
| Moisture content by weight, max, %   | ---            | ---   |
| Linear expansion 50-90% RH, max, %   | 0.5            | ---   |
| Modulus of rupture, min, lbf/in2 (kPa)   | 275            | 1,896 |
| Deflection at specified min. load, max in (mm)                                     | 0.75           | 19    |
| Flute spanability max width, in (mm)   | 1.625          | 48    |



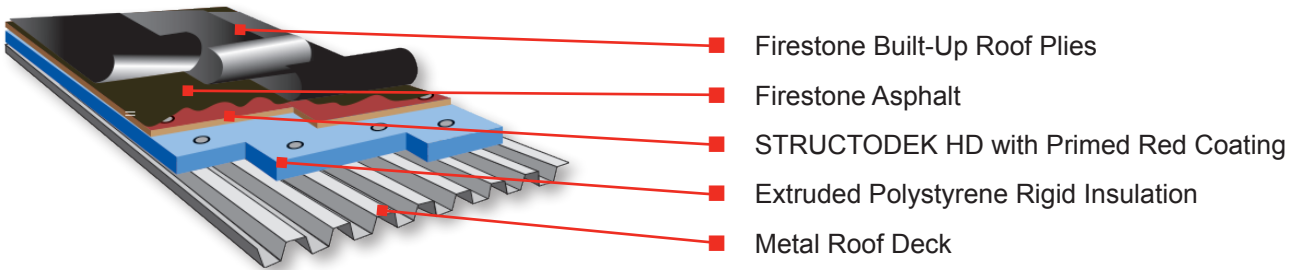
# STANDARD NEW CONSTRUCTION OR RE-ROOF ASSEMBLIES



- RubberGard™ EPDM Membrane
- Bonding Adhesive (solvent-or-water-based)
- STRUCTODEK HD with Primed Red Coating
- Polyisocyanurate Rigid Insulation
- Metal Roof Deck



- Firestone Modified Bitumen Cap Sheet
- Firestone Modified Bitumen Base Sheet with Multi-Purpose MB Cold Adhesive
- STRUCTODEK HD with Primed Red Coating
- Polyisocyanurate Rigid Insulation
- Metal Roof Deck



- Firestone Built-Up Roof Plies
- Firestone Asphalt
- STRUCTODEK HD with Primed Red Coating
- Extruded Polystyrene Rigid Insulation
- Metal Roof Deck

*Note: STRUCTODEK High Density Fiberboard Roof Insulation should not be installed in moist environments and must be kept dry prior to and during installation. The material is combustible and must not be exposed to open flame or excessive heat.*

## 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
- Miami-Dade County, Florida, NOA No. 13-0626.02, Expiration date 09/18/18
- FBC product approval number, FL #13792.1
- Water Absorption 7% max per ASTM C 208

*STRUCTODEK is a trademark of Blue Ridge Fiberboard, Inc.*



Foamed Plastic for Roofing Systems  
 As to an External Fire Exposure Only  
 61P2  
 See UL Directory of Products  
 Certified for Canada  
 And UL Roofing Materials  
 And Systems Directory  
 R9516

For more information, contact your local Sales Rep or visit [FIRESTONEBPCO.COM](http://FIRESTONEBPCO.COM).

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