TECHNICAL INFORMATION SHEET

908
03/15/2011

Firestone
BUILDING PRODUCTS COMPANY

FiberTop

DESCRIPTION:
Firestone FiberTop roof insulation is a cellulosic wood fiber insulation with an emulsion coating on one surface that may be used as a recovery board or to provide insulating value. Firestone FiberTop may be used with all single-ply, ballasted, fully adhered, mechanically attached, modified bitumen and BUR roofing systems.

ADVANTAGES:
1. High-density cellulosic wood fiberboard.
2. Firestone ½" FiberTop has the highest transverse strength properties in the roofing industry.
3. The emulsion coating contains no asphalt and is applied to only one surface.
4. Compatible with ballasted, fully adhered and mechanically attached single-ply, modified bitumen and built-up roofing systems.
5. Available in 4' x 4' (1.22 m x 1.22 m) and 4' x 8' (1.22 m x 2.44 m) boards in 0.5" (12.7 mm) and 1" (25.4 mm) thickness.

SPECIFICATION COMPLIANCE:
ASTM C208, Type II, Grade 2
Federal Woodfiber Spec: LLL-I-535B
ANSI/AHA A 194.1 Type IV, Class 1
UL Classified
FM Approved

METHOD OF APPLICATION:
Insulation shall be neatly fitted to all roof penetrations, projections and nailers. No more insulation shall be installed than can be covered with membrane and completed before the end of each day's work or before the onset of inclement weather. Install with black surface side up and attach per Firestone specifications.

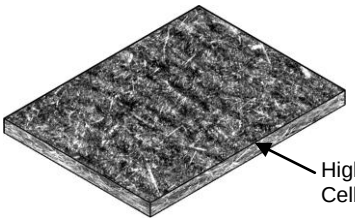
FIRESTONE FIBERTOP MUST BE INSTALLED USING:
Fasteners and plates, hot asphalt or Firestone approved insulation adhesives.

Notes: See Firestone Technical Information Sheet 950 for Insulation Attachment Patterns.

On ballasted systems: Insulation may be loose laid. Top layer may not be mechanically attached.

STORAGE AND PRECAUTIONS:
1. Keep insulation dry at all times.
2. Elevate insulation above the deck or ground.
3. Cover insulation with waterproof tarps.
4. Combustible. Refer to MSDS for more information.
5. Do not install over wet, damp or uneven substrates.

This sheet is meant only to highlight Firestone's products and specifications. Information is subject to change without notice. Firestone takes responsibility for furnishing quality materials, which meet Firestone's published product specification. As neither Firestone itself nor its representatives practice architecture, Firestone offers no opinion on and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure, or its ability to support a planned installation properly, the Owner should obtain opinions of competent structural engineers before proceeding. Firestone accepts no liability for any structural failure or for resultant damages, and no Firestone Representative is authorized to vary this disclaimer.



PRODUCT DATA

Thickness*		R-Value*
inches	mm	ft^2h^o F/Btu in
0.5	12.7	1.4
1.0	25.4	2.8

*R-Values shown are based on ASTM Test C518 or C177 at 75° F mean temperature.

PHYSICAL PROPERTIES

Physical Property	0.5" (12.7 mm) English Values	0.5" (12.7 mm) Metric Values	1.0" (25.4 mm) English Values	1.0" (25.4 mm) Metric Values
Transverse Strength min, lbf (N)	14	62.3	14	62.3
Tensile Strength Parallel min, lbf/in^2 (kPa)	150	1,034	50	345
Tensile Strength Perpendicular min, lbf/in^2 (kPa)	600	28.7	500	23.9
Vapor Permeance, grains/hr•sq ft•in Hg pressure differential, ($mg/s•m^2kPa$) min	5	0.287	--	--
Water Absorption by volume, max, %	7		10	
Moisture Content by weight, max, %	10		10	
Linear Expansion 50-90% RH, max, %	0.5		0.5	
Modulus of Rupture min, lbf/in^2 (kPa)	275	1,896	80	552
Deflection at Specified Min. Load, max in (mm)	0.75	19	0.62	16
Flute Spanability max width, in (mm)	1.6	40.6	2.7	68.6

LEED INFORMATION:
Post Consumer Recycled Content: Minimum 50%
Post Industrial Recycled Content: 0%
Manufacturing Location: International Falls, MN
Jarratt, VA
Marrero, LA
Sunbury, PA
Danville, VA

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