

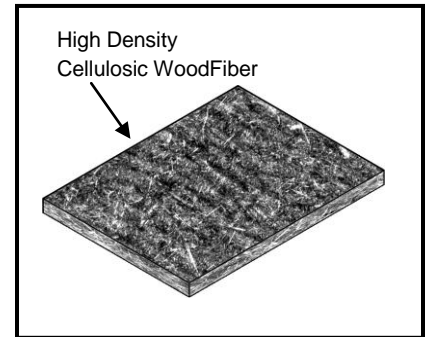
## FiberTop™ Insulation

### Item Description

High Density Cellulosic WoodFiber

**Available Sizes:** 4' x 4' (1.22 m x 1.22 m)  
4' x 8' (1.22 m x 2.44 m)

**Available Thickness:** 0.5" (12.7 mm) or 1.0" (25.4 mm)



## Product Information

### 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 insulation 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 insulation 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.

### Method of Application:

1. Insulation shall be neatly fitted to all roof penetrations, projections and nailers.
2. 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.
3. Install with black surface side up and attach per Firestone specifications.
4. **Firestone FiberTop Insulation Must Be Installed Using:** Fasteners and plates, hot asphalt or Firestone approved insulation adhesives. **Note:** See Firestone Technical Information Sheet 950 for Insulation Attachment Patterns.

### Storage:

- Keep insulation dry at all times.
- Elevate insulation above the deck or ground.
- Cover Insulation with waterproof tarps.

### Precautions:

1. Combustible. Refer to Safety Data Sheet (SDS) for more information.
2. Do not install over wet, damp or uneven substrates.

# TECHNICAL INFORMATION SHEET



## FiberTop™ Insulation

### LEED® Information:

Post Consumer Recycled Content: Minimum 50%  
Post Industrial Recycled Content: 0%  
Manufacturing Location: International Falls, MN; Diboll, TX

### Specification Compliance:

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

### Typical Properties

Physical Property	0.5" (12.7 mm)			1.0" (25.4 mm)		
	ENGLISH VALUES – METRIC VALUES			ENGLISH VALUES – METRIC VALUES		
Transverse Strength min, lbf (N)	14	–	62.3	14	–	62.3
Tensile Strength Parallel min, lbf/in <sup>2</sup> (kPa)	150	–	1,034	50	–	345
Tensile Strength Perpendicular min, lbf/in <sup>2</sup> (kPa)	600	–	28.7	500	–	28.7
Vapor Permeance, grains/hr•sq ft•in Hg pressure differential,(mg/s•m <sup>2</sup> kPa) min	5	–	0.287	---	–	23.9
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 <sup>2</sup> (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

25 psi (172 kPa) available upon request.

### Product Data

Thickness*		R-Value
inches	mm	ft <sup>2</sup> •h• °F/BTU in
0.5	12.7	1.4
1.0	25.4	2.8

\*Other thicknesses available upon request.

Please contact your Firestone Roof Systems Advisor at 1-800-428-4511 for further information.

*This sheet is meant to highlight Firestone products and specifications and is subject to change without notice. Firestone takes responsibility for furnishing quality materials which meet published Firestone product specifications. Neither Firestone nor its representatives practice architecture. Firestone offers no opinion on and expressly disclaims any responsibility for the soundness of any structure. Firestone accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Firestone representative is authorized to vary this disclaimer.*