



Specify a roofing system underlayment with a long history of reliability.

Temple-Inland® FiberBase® HD roofing substrate has delivered reliability, flexibility and cost efficiency in all types of roof systems and on all types of structures for almost 50 years. Compatible with the classic standard, the basic built-up roof, as well as today's latest membrane systems, FiberBase HD is available fully asphalt-coated on six sides and coated on one side. It is lightweight, durable and dimensionally stable, so it's ideal for laying down a smooth, flat base that stands up well to the demands of application and effects of time. Specify FiberBase HD for maximum compatibility and reliability.

FULLY COATED FIBERBASE® HD

- Premium performance
- Maximum moisture resistance
- High-density strength and rigidity
- Low asphalt uptake
- Added insulation for lower heating & cooling

COATED ONE SIDE FIBERBASE HD

- Compatibility and performance
- High-density strength and rigidity
- Reduced asphalt intake
- Added insulation for lower heating & cooling



ROOFING SYSTEM COMPATIBILITY*

Roofing System	Substrate	
	Coated 6 Sides*	Coated 1 Side
Asphalt & Coal Tar BUR	•	•
Torch Applied & Mopped Down Modified Bitumens	•	•
Ballasted/ Mechanically Attached EPDM	•	•
Fully Adhered EPDM	•	•
TPO	•	•
Ballasted/ Mechanically Attached & Fully Adhered PE/CSPE (Hypalon)		•
Ballasted/ Mechanically Attached & Fully Adhered PIB & PVC		•

*Always check with membrane manufacturer for compatibility with asphalt coating.

TYPICAL PROPERTIES

	1/2"	25/32"	1"
Shipping Weight, (± 10%, lb/MSF)			
Coated 6 Sides	800	1300	1600
Coated 1 Side	760	—	1520
Density, (pcf)	16-18	16-18	16-18
Tensile Strength, (psf min) Perpendicular to surface	600	600	600
Tensile Strength, (psi min) Parallel to surface	150	150	150
Water Absorption, (% max) By volume (2 hour)	7	7	7
Linear Expansion, (% max) 50-90% RH	.50	.50	.50
Compressive Strength, (psi min) Test Method ASTM C165	20.0	20.0	20.0
Flute Span, (in. max)	1 5/8	2 5/8	3
R-Value Thermal resistance	1.32	2.06	2.64

(Determined according to ASTM C209, Standard Test Methods for Cellulosic Fiber Insulating Board.)

SIZES AVAILABLE

Sheet Thickness	1/2"	25/32"	1"
Pieces per Unit	90	60	45
Sheet Dimensions	4' x 8' 4' x 4'	4' x 8' 4' x 4'	4' x 8' 4' x 4'

APPROVALS

FiberBase HD is a FACTORY MUTUAL GLOBAL approved roof insulation for I-60 and I-90 wind uplift rated systems as outlined in FM reports J.I.2M3A2.AM and J.I.1T6A2.AM. FM allows FiberBase HD wherever wood fiber insulation is specified. Consult the roofing membrane manufacturer and the current Factory Mutual Global approval guide for system compatibility and specific application instructions.

FiberBase HD is available by special order as an Underwriters Laboratories' Classified product under the UL File R11115 for built-up roof covering materials. See the listing under Roof Covering Materials (TEVT) in the UL Roofing Materials and Systems Directory.

COMPLIANCES

Meets the requirements for Type II, Grades 1 and 2 in ASTM C208, the Standard Specification for Cellulosic Fiber Insulating Board.

NO-ADDED UREA FORMALDEHYDE

FiberBase HD is a no-added urea formaldehyde material. It is manufactured with 100% southern pine wood chips and pre-jell corn starch as a binder. True asphalt is applied as a coating to enhance water resistance.

WARNING:

Do not apply flame directly to FiberBase HD. When applying modified bitumen membranes, a base sheet is required. FiberBase HD may smolder and burn. Extinguish completely if ignited.