

# **ECO FIBERBOARD**

Roofing Board, Wall Sheathing, Thermal and Sound Insulation



#### **FEATURES**

- Reliable Performance...Product is surface treated for superior application reliability
- Environmentally Friendly...100% reclaimed/ recycled fiber content
- Increases Roof System Rigidity... Adds rigidity to foam insulation and to the entire roof deck, and withstands normal deck traffic during and after membrane application
- Versatile...Universal cover board can be used in asphaltic and single-ply systems and as a recovery board
- Improves Roof Adhesive Effectiveness... Primed and calendared surface, and less dust that can limit adhesion
- Trims Easily...Can be cut with a standard utility knife, with no irritating fiberglass dust
- Engineered Surfaces... Providing higher strength in adhered systems
- Complete Assortment Of Wood Fiber Products... Includes fiberboard, tapered edge panels and standard cant strips

## DESCRIPTION:

Roof fiberboard manufactured to a uniform density using cellulosic wood fibers with additives to improve moisture resistance. Product is surface treated to promote adherence of the roofing membrane and reduce adhesive or bitumen strike-in. Available in 4'x8', 4'x4', and 2'x4' sizes.

### **APPLICATION**

Note: Do not apply flame directly to product. Always follow membrane manufacturer's instructions.

**WHEN USED AS A ROOF OVERLAYMENT:** Fiberboard panel joints should be offset at least 6" from underlying insulation panel joints. Panels must be installed 1/8" (maximum) space at all joints. Panels must be dry before and during application. Apply only as many roof fiberboard panels as can be covered by a roof membrane during the same day.

**WHEN USED IN RE-ROOFING APPLICATIONS:** Before applying, existing roof surface must be cleaned of all gravel and other debris. Surface irregularities must be smooth. Deck must be kept dry throughout application.

## **PYSICAL PROPERTIES** (meets or exceeds ASTM C-208-95)

PROPERTY	TEST METHOD	THICKNESS	HIGH DENSITY GRADE 2
Linear expansion (max.)	ASTM C-209	1/2"	0.5%
Water absorption (max.)	ASTM C-209	1/2"	7.0%
Tensile strength, parallel (psi avg. min.)	ASTM C-1037	1/2"	150
Tensile strength, perpendicular (psf min.)	ASTM C-1037	1/2"	600 lbf
Transverse load, either dir. (avg. min.)	ASTM C-209	1/2"	15 lbs
Modulus of rupture, PSA (avg. min.)	ASTM C-165	1/2″	275
Thermal conductivity (t/R)	ASTM C-518	К	1/2" .322
Thermal resistance (F•ft2•h/BTU)	ASTM C-518	R	1/2″ 1.43

SPECIFICATIONS		
	High Density	
Fed. Spec. LLL-1-535b/ASTM C-208-95	Class E, Type II, Grade 2	
ANSI/AHAA 1941 (1985)	Type IV, Class 1	
UL Classified (consult UL Guide for approvals)	Pending	
FM Approved (see FMRC approval guide)	Pending	

SYSTEM USE		
	High Density	
Adhered	Yes	
Ballasted, mechanically fastened, built-up, modified, and recovery board/roofoverlay	Yes	

Recommended Fasterner Patterns			
	oard		
	board		
	board 4'x4' 8 fasteners/board		

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