

# FIBRELEX

## 1/2" Natural Roof Insulation

### DESCRIPTION & USE

- Composed of interlocking fibres bonded together by heat and premium bitumen emulsion
- Excellent substrate for the roofing membrane
- Ideal surface for the application of hot asphalt

Fibrelex Natural Roof Insulations can be used as follows:

- As a support panel
- As a separation board between old and new roofs

### TECHNICAL DATA

PHYSICAL PROPERTIES	
Nominal Thickness (C-209)	12.7 mm (0.5 in)
Density (D-1037)	≥ 232.3 kg/m <sup>3</sup> (≥ 14.5 lbs/ft <sup>3</sup> )
Thermal Resistance (C-518) (per inch)	≥ RSI 0.528 (≥ R-3)
Linear Expansion (D-1037)	≤ 0.5%
Water absorption 2 hrs. max (C-209)	≤ 10% volume
Compression Strength @ 10% deformation (C-165)	≥ 276 kPa (≥ 40 psi)
Transverse Load at Rupture (C-209)	≥ 35 N (≥ 7.868 lbf)
Tensile Strength (Machine direction) (C-209)	≥ 350 kPa (≥ 51 lbs/in <sup>2</sup> )
Tensile Strength (Cross direction) (C-209)	≥ 24 kPa (≥ 3.5 lbs/in <sup>2</sup> )



FIBRELEX 1/2" - SIZE & PACKAGING		
Dimensions	Panel per bundle	Coverage per bundle
1219 mm x 2438 mm (48" x 96")	96	285.4 m <sup>2</sup> (3072 ft <sup>2</sup> )

Note: Fibrelex must be stored above the deck or ground level and adequately protected from the elements with tarpaulins.

#### APPLICABLE STANDARDS

- CAN/ULC-S706-09
- ASTM C208

#### FEATURES & BENEFITS

- **Very High Compressive Strength** - increases the rigidity and strength of the roof system
- **Very Good Insulating Properties** - surpasses typical requirements and meets applicable standards

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#### COMMERCIAL BUILDING PRODUCTS

Ontario & Western Canada  
1.800.268.2889



Quebec & Eastern Canada  
1.800.363.2307