

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)	$\geq 232.3 \text{ kg/m}^3$ ($\geq 14.5 \text{ lbs/ft}^3$)
Thermal Resistance (C-518)	$\geq \text{RSI } 0.528$ ($\geq \text{R-3}$)
Linear Expansion (D-1037)	$\leq 0.5\%$
Water absorption 2 hrs. max (C-209)	$\leq 10\%$ volume
Compression Strength @ 10% deformation (C-165)	$\geq 276 \text{ Kpa}$ ($\geq 40 \text{ psi}$)
Transverse Load at Rupture (C-209)	$\geq 35 \text{ N}$ ($\geq 7.868 \text{ lbf}$)
Tensile Strength (Machine direction) (C-209)	$\geq 350 \text{ Kpa}$ ($\geq 51 \text{ lbs/in}^2$)
Tensile Strength (Cross direction) (C-209)	$\geq 24 \text{ Kpa}$ ($\geq 3.5 \text{ lbs/in}^2$)



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

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

Visit our video channels: <https://vimeo.com/channels/lexcoren>

COMMERCIAL BUILDING PRODUCTS

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