

## 1/2" Asphalt Coated High Strength Roof Insulation

### DESCRIPTION & USE

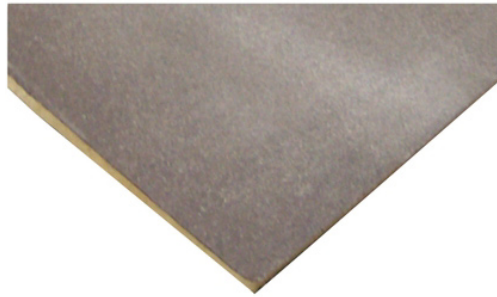
- Composed of interlocking fibres impregnated with a water-repellent petroleum wax emulsion that imparts a high resistance to water absorption
- Excellent substrate for the roofing membrane
- Ideal surface for the application of hot asphalt

Fibrelex Asphalt Coated High Strength Roof Insulations can be used as follows:

- As a roof insulator
- As a cap sheet over other insulations
- As a separation board between old and new roofs
- As an underlay on steel decks applications
- As raw material in the making of slope insulation

### TECHNICAL DATA

1/2" FIBRELEX - PHYSICAL PROPERTIES			
Characteristics	Test Method	Requirement	Results
Thermal Resistance, 25.4 mm	ASTM C518	RSI - 0.455 (R - 2.58)	Pass
Transverse Load at Rupture min. (either direction)	ASTM C209	30 N (7 lbF)	Pass
Compressive Strength @ 10% deformation, Min.	ASTM C165-A	100 kPa (14.5 psi)	Pass
Tensile Parallel to Surface, (machine direction) Min.	ASTM C209	350 kPa (50.8 psi)	Pass
Tensile Perpendicular to Surface, Min.	ASTM C209	24 kPa (3.5 psi)	Pass
Linear Moisture Expansion, max.	ASTM D1037	0.5%	Pass
Water Absorption, max.	ASTM C209	10%	Pass



### 1/2" FIBRELEX - SIZES & PACKAGING

Item Number	Dimensions	Panels per bundle	Coverage per bundle
HSFB1/2X4X4OSC	1219 mm x 1219 mm (48" x 48")	96	142.7 m <sup>2</sup> (1536 ft <sup>2</sup> )
HSFB1/2X4X8OSC	1219 mm x 2438 mm (48" x 96")	96	285.4 m <sup>2</sup> (3072 ft <sup>2</sup> )

Note: Panels are only available with square edges.

Note: Fibrelex Asphalt Coated High Strength Roof Insulations must be stored above the deck or ground level and adequately protected from the elements with tarpaulins.

#### APPLICABLE STANDARDS

- CAN/ULC-S706-09 TYPE I & TYPE II, Class 1
- ASTM C208 TYPE II, Grade 1
- FM Approved

### 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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