

# PERLEX PLUS CB

## High Density Perlite-Based Cover Board

### DESCRIPTION & USE

Perlex Plus CB is a high density, perlite based cover board composed of expanded perlite and reinforcing cellulosic fibres. For BUR, APP and SBS, this product can be used in hot and cold applied applications, as well as is compatible with all Single Ply Roof Systems.

### FEATURES & BENEFITS

**Expanded Perlite** – provides good dimensional stability, excellent insulation value, as well as greater fire resistance than conventional wood fiber materials

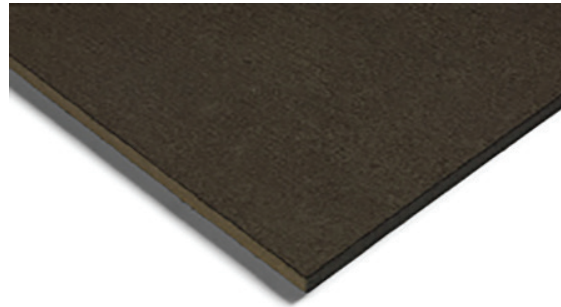
**Reinforcing Cellulosic Fibers** – provides a high recycled content and strength to the board.

**Special Coating on Top Surface** – reduces excessive adhesive absorption and provides a strong surface for bonding bituminous membranes.

### TECHNICAL DATA

#### Physical Properties and Characteristics

Test	ASTM	Perlex Plus CB
Board Density, nom	C 209	225 kg/m <sup>3</sup> (14.5 pcf)
Compressive Strength 5% consolidation, nom	C 165	414 kPa (60 psi)
Laminar Tensile Strength, nom	C 209	110 kPa (16 psi)
Flexural Strength, nom	C 203	1551 kPa (225 psi)
Break Load, nom	C 203	4.54 kg (10 lbs)
Moisture Content, nom	N/A	2.0 %
Water Absorption, max	C 209	3.5 %
Installation Linear Expansion, max	C 209	0.5 %
Weight per ft <sup>2</sup> , nom	N/A	0.6 lbs



#### Thermal Performance

Test	ASTM	Perlex Plus CB
Flame Spread	E84	35
Smoke Developed	E84	10

#### Packaging & Dimensions

Sizes	1.22 m x 1.22 m (4' x 4')	1.22 m x 2.44 m (4' x 8')
Thickness	12.7 mm (0.5")	12.7 mm (0.5")
Board Weight	4.08 kg (9 lbs)	8.16 kg (18 lbs)
Coverage / Pallet	143 m <sup>2</sup> (15.4 Sq)	285 m <sup>2</sup> (30.8 Sq)
Boards / Pallet	96	96
Pallet Weight	846 lbs	1728 lbs
Pallets/Truck	48	24

Meets the requirements of ASTM C 728 Type 3

#### LEED Recycled Content

Pre-consumer recycled content:	1%
Post-consumer recycled content:	40%

### INSTALLATION/APPLICATION

Perlex Plus CB may be adhered using hot asphalt, cold applied adhesive or urethane adhesive.

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

#### COMMERCIAL BUILDING PRODUCTS

Ontario & Western Canada  
1.800.268.2889



Quebec & Eastern Canada  
1.800.363.2307