



### R5 XP INSULSHEATHING

#### DESCRIPTION:

**R-5 XP Insulsheathing** is manufactured by Building Products of Canada Corp., a leading producer of high quality wood fibre products. **R5 XP Insulsheathing** is a composite panel made from DOW Extruded Polystyrene laminated on a wood fibre panel coated with asphalt for greater weather resistance. **R5 XP Insulsheathing** combines the strength properties of the fiber board with the insulation properties of the polystyrene.

#### USES:

**R-5 XP Insulsheathing** is used as an insulating sheathing, on exterior wood frames, steel frames or in solid plank constructions.

#### STORAGE:

**R-5 XP Insulsheathing** wood fiber panels must be stored 100 mm (4") above ground level and adequately protected from the elements with tarpaulins.

#### SIZE AND PACKAGING

SKU	Dimensions	Panels/Pallet	Coverage/Pallet
B5H0549	1219 mm x 2743 mm 48" x 108"	37	123.7 m <sup>2</sup> (1332 pi <sup>2</sup> )

CHARACTERISTICS	UNITS		RESULTS BP		TEST METHOD
	METRIC	IMPERIAL	METRIC	IMPERIAL	
Nominal Thickness	mm	in	30.5	1 3/16	ASTM C209
Thermal Resistance, Min.	RSI	R	0.89	5.0	ASTM C518
Transverse Load at Rupture (typical avg.)	N	lbf	150	34	ASTM C209
Linear Moisture Expansion, Max.	%	%	≤1.5	≤1.5	ASTM D2126
Water Absorption, Max. 2 hours (Polystyrene)	%	%	≤2	≤2	ASTM C209
Air permeance	L / s • m <sup>2</sup> @ 75 Pa	cfm / ft <sup>2</sup> @ 0.3 iwg	< 0.02	< 0.004	ASTM E2178
Water Vapor Permeance					
Wood fiber	ng / (Pa•s•m <sup>2</sup> )	perms	2000	35	ASTM E96
Polystyrene	ng / (Pa•s•m <sup>2</sup> )	perms	114	2.0	

#### APPLICABLE STANDARDS

CAN/ULC-S706-09, Type II Class 3 Grade 1  
 CAN/ULC-S701-11, Type III  
 CCMC #12044-L  
 CCMC #11420-L