



BUILDING PRODUCTS OF CANADA CORP.

FOR OVER 100 YEARS

## BP INSUL-SHEATHING Panel

# R5XP

R-5XP COMBINES THE MECHANICAL PROPERTIES OF WOOD FIBRE WITH THE THERMAL RESISTANCE OF EXTRUDED POLYSTYRENE



- PROVIDES A CONTINUOUS THERMAL RESISTANCE OF R-5; perfect for meeting the requirements of the National Building Code.
- DOES NOT REQUIRE ADDITIONAL BRACING; one-step installation saving time and cost.
- INTEGRATED AIR-BARRIER; no additional housewrap required saving material costs.
- LIGHTWEIGHT AND EASY TO INSTALL; allows for fast installation saving time and cost.



PROUDLY MADE IN CANADA

[bpcan.com](http://bpcan.com)

## DIMENSIONS AND PACKAGING

SKU	Dimensions	Panels per pallet	Coverage per pallet
B5H0549	1219 mm x 2743 mm (48" x 108")	37	123,7 m <sup>2</sup> (1332 ft <sup>2</sup> )

## TECHNICAL SPECIFICATIONS

Characteristics	R-5 XP results	ASTM Method
Nominal thickness – mm (in)	<b>30,5 (1 3/16)</b>	C209
Thermal Resistance, Min. – RSI in [K·m <sup>2</sup> /W] (R in [h ft <sup>2</sup> °F/Btu])	<b>0,89 (5.0)</b>	C518
Transverse Load at Rupture (typical avg.) – N (lbf)	<b>150 (34)</b>	C209
Linear Moisture Expansion, Max. – (%)	≤ 1.5	D2126
Water Absorption max. 2 hours (Polystyrene) – (%)	≤ 2	C209
Air permeance – L/s per m <sup>2</sup> @ 75 Pa (cfm per ft <sup>2</sup> @ 0.3 iwg)	< 0,1 (< 0.02)	E2178
Polystyrene's water vapor permeance – ng/[Pa s m <sup>2</sup> ] (perms)	≤ 114 (≤ 2.0)	E96

## APPLICABLE STANDARDS

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

Lightweight and  
easy to handle



No extra wind  
bracing required



Meets air barrier and  
weather barrier standards



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