



### 1/2" HIGH PERFORMANCE SHEATHING

**DESCRIPTION:**

1/2" High Performance Sheathing is manufactured by Building Products of Canada Inc., a leading producer and worldwide marketer of high quality wood fibre products. 1/2" High Performance Sheathing is a half an inch thick, wax impregnated wood fibre panel, coated on both sides with asphalt for better weather resistance. It provides a greater strength than the regular sheathing.

**USES:**

1/2" High Performance Sheathing is an excellent base for use on the exterior of frame construction due to its excellent water vapour permeance and weather resistance

**STORAGE:**

The wood fibre panels must be stored 100 mm (4") above ground level and adequately protected from the elements with tarpaulins.

**SIZES AND PACKAGING**

| SKU   | Dimensions                        | Panels/Bundle | Coverage/bundle                              |
|-------|-----------------------------------|---------------|--|
| BH900 | 1219 mm x 2743 mm<br>48 " x 108 " | 96            | 321.1 m <sup>2</sup> (3456 ft <sup>2</sup> ) |

| CHARACTERISTICS                            | UNITS                     |                    | RESULTS BP |          | REQUIREMENTS |          | TEST METHOD |
|--|---------------------------|--------------------|------------|----------|--------------|----------|-------------|
|  | METRIC                    | IMPERIAL           | METRIC     | IMPERIAL | METRIC       | IMPERIAL |             |
| Nominal Thickness                          | mm                        | in                 | 12.42      | 0.489    | 12.5         | 0.50     | ASTM C209   |
| Thermal Resistance min., 25.4 mm           | RSI                       | R                  | 0.528      | 3.0      | 0.41         | 2.33     | ASTM C518   |
| Water Vapour Permeance min.                | ng/(Pa·s·m <sup>2</sup> ) | perms              | 2109       | 37       | 287          | 4.99     | ASTM E96    |
| Transverse Load at Rupture min.            | N                         | lbf                | 67         | 15       | 62           | 13.9     | ASTM C209   |
| Tensile Strength Parallel to Surface, min. | kPa                       | lb/in <sup>2</sup> | 2585.6     | 374.9    | 1000         | 145      | ASTM C209   |
| Linear Moisture Expansion max.             | %                         | %                  | 0.25       | 0.25     | 0.5          | 0.5      | ASTM D1037  |
| Water Absorption max. 2 hours              | %                         | %                  | 3.5        | 3.5      | 7            | 7        | ASTM C209   |

**APPLICABLE STANDARDS**

ULC-S706-09, Type II, Class 3, Grade 1  
CCMC-12044-L  
ASTM-C208, Type IV, Grade 1