



TECHNICAL DATA SHEET

WOOD FIBRE SHEATHINGS

R-1.5 PANEL

DESCRIPTION:

The **R-1.5 Panel** is a rigid panel produced from non-toxic organic materials and natural wood fibres. All panels are asphalt coated on both sides for greater weather resistance. **R-1.5 Panel** has excellent water vapour permeance which allows interior water vapour to escape to the exterior and not be trapped within the wall cavity where it could cause damage.

USES:

R-1.5 Panel is an excellent base for use on the exterior of frame construction due to its excellent permeance and weather resistance.

STORAGE:

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
BSSHT85 [...]	1219 mm x 2438 mm 48" x 96"	96	285.5 m ² (3072 ft ²)
BSSHT95 [...]	1219 mm x 2743 mm 48" x 108"	96	321.2 m ² (3456 ft ²)

CHARACTERISTICS	UNITS		RESULTS BP		REQUIREMENTS		TEST METHOD
	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	
Nominal Thickness	mm	in	12.7	0.5	12.7	0.5	ASTM C209
Thermal Resistance min., 25.4 mm (1")	RSI	R	0.53	3.00	≥0.410	≥2.33	ASTM C518
Water Vapour Permeance min.	ng/(Pa·s·m ²)	perms	2166	37.70	287	4.99	ASTM E96
Transverse Load at Rupture, min avg	N	lbf	62	13.9	62	13.9	ASTM C209
Tensile Strength Parallel to Surface	kPa	lb/in ²	2030.0	294.4	1000	145	ASTM C209
Linear Moisture Expansion max.	%	%	0.2	0.2	0.5	0.5	ASTM D1037
Water Absorption max. 2 hours	%	%	3	3	7	7	ASTM C209

APPLICABLE STANDARDS

CAN/ULC S706.1, Type II, Class 3
CCMC-12044-L