

Roofing



Wood Fiber Roof Insulation Coated 1 Side

Properties	1/2"	1/2" HD
Density (ASTM D-1037)	14.5 lbs / ft³ 232 kg / m³	16 lbs / ft³ 256 kg / m³
Transverse load at rupture (ASTM C-209)	49N 11 lbF	58N 13 lbF
Tensile strength perpendicular to surface (ASTM C-165)	24 KPa 3.5 psi	24 KPa 3.5 psi
Tensile strength parallel to surface (ASTM C-209)	350 KPa 51 psi	350 KPa 51 psi
Water absorption (ASTM C-209)	7%	7%
Linear expansion (ASTM D-1037)	0.5%	0.5%
Compressive strength (10% deformation) (ASTM C-165)	310 KPa 45 psi	379 KPa 55 psi
"R" factor / inch (1") Min 0.455 [(m ² • K)/w] (ASTM C-518)	3.1	3.0

Thickness	Dimensions	Edges	Codes
1/2" (12.7mm)	4' X 4' (1.22 m x 1.22m)	Square	955 C1, 955 C1HD
	4' X 8' (1.22 m x 2.44 m)	Square	975 C1, 975 C1HD

The information on this Technical Data Sheet is based upon data considered to be true and accurate, based on laboratory tests and production measurements, and is offered solely for the user's consideration, investigation and verification. Nothing contained herein is representative of a warranty or guarantee for which the manufacturer can be held legally responsible. The manufacturer does not assume any responsibility for any misrepresentation or assumptions the reader may formulate. This product conforms to all requirements of **CAN / ULC-5706-09** and **ASTM C208**.



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