

Roofing



Wood Fiber Roof Insulation

Properties	1/2"	1/2"HD	1" • 1.5" • 2"	1"HD • 1.5"HD • 2"HD
Density (ASTM D-1037)	14.5 lbs / ft³ 232 kg / m³	16 lbs / ft³ 256 kg / m³	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	49N 11 lbF	58N 13 lbF
Tensile strength perpendicular to surface (ASTM C-165)	24 KPa 3.5 psi	24 KPa 3.5 psi	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	350 KPa 51 psi	350 KPa 51 psi
Water absorption (ASTM C-209)	7%	7%	7%	7%
Linear expansion (ASTM D-1037)	0.5%	0.5%	0.5%	0.5%
Compressive strength (10% deformation) (ASTM C-165)	310 KPa 45 psi	379 KPa 55 psi	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	3.1	3.0

Thickness	Dimensions	Edges	Codes
1/2" (12.7mm)	2' X 4' (0.61 m x 1.22 m)	Square	925, 925 HD
	4' X 4' (1.22 m x 1.22m)	Square	955, 955 HD
	4' X 8' (1.22 m x 2.44 m)	Square	975, 975 HD
1" (25.4 mm)	2' X 4' (0.61 m x 1.22 m)	Square	927 BC, 927 BCHD
		Shiplap	927 EC, 927 ECHD
		Ventilated	927 VC, 927 VCHD
		Square	928 BC, 928 BCHD
1.5" (38.1 mm)	2' X 4' (0.61 m x 1.22 m)	Square	928 BC, 928 BCHD
2" (50.8 mm)	2' X 4' (0.61 m x 1.22 m)	Square	929 BC, 929 BCHD

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