

Table 4.4.3 A: Performance Values for Structural Use Panels

	Softwood Plywood	OSB	Homasote	Viroc
Weight (1/2 in.) lb/ft ²	1.6	1.7	1.2 (heavier at equivalent span rating)	3.1
Tensile Strength lb/in ²	1,500-4,000	1,000-1,500	450-700	793
Shear	165 lb/ft	175 lb/ft	225 (field)	n/a
Permeance	.8	.8	12	2.7
Linear Expansion (50-90% RH)	.15	.15	0.25%	0.14%
Nail Pull (Dry)	50 lbs	40 lbs	125	325
R Value	.6	.6	1.2	0.36