

PRODUCT DATA



TOLERANCES

Dimensional - all directions	+/- 1/8"
Thickness - skin	+ 1/8" / -1/16"
Thickness - total unit	+ 1/4" / - 1/8"
Warpage or bowing	+/- 1/16" per foot
Width of caulked joint (erected)	+/- 3/16"
Out of plane (unit to unit, erected)	+/- 1/4"

PHYSICAL PROPERTIES

Shell Thickness	3/16" to 3/8"
Weight (depending on reinforcing)	2-1/2 to 6 lbs./sq.ft.
Density	approx. 140 lbs./cu.ft.
Tensile strength	1300 p.s.i.
Bending strength	2600 p.s.i.
Compressive strength	8000 p.s.i.
Shear strength (interlaminar)	650 p.s.i.
Pullout Test (steel angle)	975 lbs. (min.)
Fastener Test Pullout (wood stud)	440 lbs. (avg.)
Fastener Test Pullout (metal stud)	340 lbs. (avg.)
Fastener Test Push Through	550 lbs. (avg.)
Uniform Load @ 25 PSF (deflection in inches)	0.041 in (avg.)
Racking Test @ 1,400 Load Lbs (deflection in inches)	1.044 No Failure
Flexural Test @ 260 Load Lbs (deflection in inches)	0.365 No Failure
Compression Test @ 8000 Lbs (deflection in inches)	0.002 No visible Damage
Fuel contributed (A.S.T.M. E84-80)	5
Flame spread (A.S.T.M. E84-80)	5
Smoke Index (A.S.T.M. E84-80)	15