



TECTONITE

Technical Data Sheet

Product	Composite Mineral Board
Density (pcf)	61-72
Modulus of Rupture ASTM C 133 (psi)	900-1745
Compressive Strength ASTM C 109-93 (psi)	1586-2815
Moisture Content (%)	< 6
Thermal Conductivity ASTM C 182 (946 F) (BTU – in/hr-ft²-F)	1.28-1.38 1.33-1.39
Shrinkage ASTM C 356 (avg. %)	3.9-4.7
Electrical Resistivity ASTM D 257 (ohm-cm) (ambient to 1148F)	4.10E+10 – 3.40E+10
Heat Transfer ASTM E 152 (F) (Unexposed surface temp. rise above ambient, 1.5” panel, 90 min. 1772 F)	191 – 196
Screw Holding (lbs.) Face:	Exceeds the maximum required by WDMA I.S-1A. Standard

Product Size Availability: 4' x 8' or 4' x 10' (Panels)
(or custom cut dimensions)

Minimum Thickness: .500”

Maximum Thickness: 2.125”

Color: Gray