

<b>Physical Properties</b>	
Thickness Tolerance	±6%
Density	1350 ± 50 kg/m <sup>3</sup>
Modulus of Rupture	> 7 MPa (Wet)
Modulus of Elasticity	3000 MPa (Wet)
Water Absorption	≤ 35%
Moisture Content	≤ 15%
Water Tightness	Pass
pH Value	7-8
Thermal Conductivity	0.15 W/m.K
Acoustic Insulation	STC = 30 dB (6 mm single board) STC = 50 - 60 dB (10 mm composite wall)
Moisture Movement	± 0.04%
Length Change Due to Water Absorption	≤ 0.10%
<b>Fire Resistance Properties</b>	
Ignitibility	Pass
Fire Propagation Index	I = 0.4
Surface Spread of Flame	Class 1
Reaction to Fire Classification	A2 - s1 d0
Combustibility	Non-Combustible
<b>Durability Properties</b>	
Freeze / Thaw Resistance	Pass

Warm Water Resistance	Pass
Heat / Rain Resistance	Pass
Soak / Dry Resistance	Pass