

Technical Data Sheet

Profile	Standard mm	Standard Length m	Weight kg/m
Classy	21.5 x 118	3	2.05
Property	Method		Typical Value
Density (g/cc)	ASTM D792		1.15
Screw Withdrawal Force (N)	ASTM D1761-20		2000
Shear Strength (N)	ASTM D143		1905
Flexural Strength (N/mm ²)	ASTM D198:2015		58.8
Modulus of Rupture (N/mm ²)	ASTM D4761-19		35.03
Modulus of Elasticity (N/mm ²)	ASTM D4761-19		3399
Water Absorption (24h), %	ASTM D570-98		< 1.5
Swelling, thickness (24h), %	ASTM D570-98		< 1
Coefficient of Thermal Expansion (mm/mm°C)	ASTM D1037-12		1.15 x 10 ⁻⁵
Moisture Absorption (%)	ASTM D1037-12		0.54
Slip Resistance (Grooved Side)	BS 7976-2:2002	Dry: 57, Wet: 29	
Slip Resistance (Wood-Grain Side)	BS 7976-2:2002	Dry: 89, Wet: 60	

(1) The data listed above was taken from accredited third party independent laboratory test reports. The data shown is for unexposed product in laboratory conditions. Actual results may vary due to actual environmental conditions including temperature, UV exposure, time, etc.

(2) Values reported are mean ultimate values for comparison only.