

Technical Data Sheet

Profile	Standard mm	Standard Length m	Weight kg/m
Progren Bamboo	24 (T) x 150 (W)	3.6	3.2
Property	Method	Typical Value	
Density (kg/m ³)		680-770	
Moisture Content		9-12%	
Mold Resistance	SHR	Mold Growth Level 0, No visible mold	
Bending Strength (N/mm ²)	GB/T 24508-2020	99.8 MPa	
Shod Ramp Test, Slip Resistance	DIN 16165:2023	≥R11	
Modulus of Elasticity	GB/T 17657-2013	8210 MPa	
Water Absorption (24h), %	ASTM D1037	0.09	
Swelling, thickness (24h), %	ASTM D1037	1.04 x 10 ⁻⁵	
Durability and Anti-Corrosion	CEN/TS 15083-1	Class 1	
Frost Resistance	GB/T 24508-2020	Bending Strength after frost: Resistance: 94.5 Mpa Bending retention rate: 94.7%	
Formaldehyde Emission	ASTM D6007	0.006 ppm t	
Chemical Resistance - 5% Salt Sol.	ASTM D1308	No visible effect after 72 hours exposure	
Chemical Resistance - Pool Water	ASTM D1308	No visible effect after 72 hours exposure	

(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.