

Multi-Pro XS - Performance Criteria

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**YORKSHIRE
PLYWOOD LIMITED**

Dimensions

Resistant Multi-Pro XS is supplied as a rectangular board with square edges and light blue in colour

Standard Sizes: Length 2400 mm, 3000 mm
 Width 1200 mm
 Thickness 9 mm

Special size requirements and thicknesses are also available upon request depending on quantity.

Tolerances

Length and width +/- 2 mm
 Thickness +/- 0.3 mm
 Edge straightness 1 mm per metre
 Squareness of edge less than 3 mm

multi-pro XS[®]

Technical Data Sheet

RESISTANT Multi-Pro XS

	Test Subject	Test	Result
9mm Multi-Pro XS	Density Dry (ex works)		1050 kg/m ³ (+/- 10%)
	Standard Weight		9.45 kg/m ²
	Modulus of Rupture	BSEN 310	17.7 Nmm ² (across grain)
	Modulus of Rupture		12.4 Nmm ² (across grain)
	Modulus of Elasticity	BSEN 310	6,503 Nmm ²
	Impact Strength (Brinell)		34 Nmm ²
	Racking Resistance	BSEN 594	PASSED
	Thermal Conductivity at 50°		0.26 w/m/°k
	Linear coefficient of thermal expansion		7.13 x 10 ⁻⁶ °C
	pH value		Surface 9-10
	Fire Test	A1 Euroclass	Class Non-Combustible
	Change of Thickness (After immersion in water)	BSEN 317	0 - 0.1% Nmm ²
	Tensile Strength (Perpendicular to plane)	BSEN 319	2.80 Nmm ²
	Screw Withdrawal Strength	BSEN 320	650 N
	Cyclic Tests in humid conditions Board subjected to 3 cycles each comprising immersion in water at 20° for 72hrs: Freezing at between 12°C - 20°C for 24hrs: drying at 70°C for 72hrs	BSEN 321	
Average Thickness swelling	BSEN 321	0	
Average Tensile Strength	BSEN 321	2.72 Nmm ²	
Moisture Content	BSEN 322	8.6%	
BS 474 Part 20/21:1987		60mins	

To discuss your design requirements contact us at Yorkshire Ply Ltd, P.O. Box 177, 65 Oxford Street, Hull, HU2 0QP

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