



CLASSIC WPC DECKING

ABOUT CLASSIC DECKING

WPC (Wood Plastic Composite) is a unique composition to replicate wood without the maintenance and hazards of traditional timber decking. 45% timber fibres + 55% HDPE and additives.

PHYSICAL DATA

PHYSICAL DATA	REQUIREMENTS	TEST RESULT
Hardness	> 58 HRR	61 HRR
Moisture Content	< 2%	0.3%
Modulus of Rupture	> 20 Mpa	40 Mpa
Modulus of Elasticity	> 1800 Mpa	3818 Mpa
Thickness of Swelling	> 1%	0.4%
Size of Change - Calefaction	±2.5%	- 0.10%
Resistance to Wear	<0.08 g/100 r	0.077 g/100 r
Size Change H/L Temp.	±0.2%	- 0.10%
Screw Holding Capability	> 1000 N	3120 N

STANDARD – GB/T 24508-2009 WOOD PLASTIC COMPOSITE FREEZE THAW BENDING LOAD

PHYSICAL DATA	REQUIREMENTS	TEST RESULT
Resistance to Freeze Thaw	> 80%	92%
Bending Load	>2500 N	3258 N

OVERALL TEST RESULTS

Mean PTV or PTV _{corr} (Dry)	86
Mean PTV or PTV _{corr} (Wet)	42
Slip Potential (Dry)	Low
Slip Potential (Wet)	Low