

WPC DECKING PRODUCT DATA SHEET

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. This data sheet will provide you with technical product information such as a slip test report, resistance to wear and moisture content properties.



Black



Brown



Grey



Natural



Teak

Technical Data Tables

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

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	>2500N	3258N



Technical Data Table

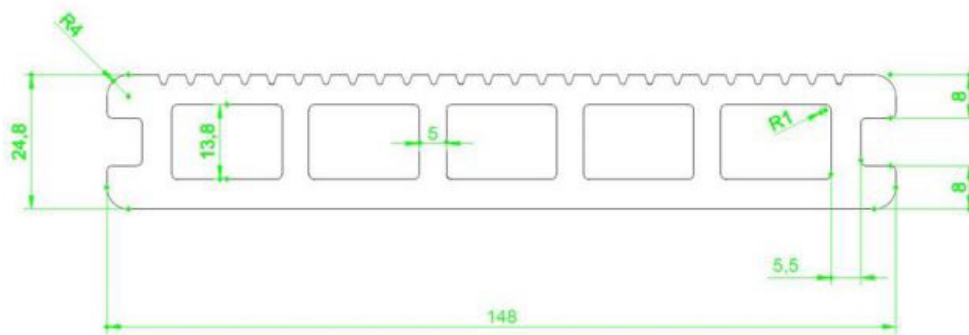
Overall Test Results	
Mean PTV or <i>PTV corr</i> (Dry)	86
Mean PTV or <i>PTV corr</i> (Wet)	42
Slip Potential (Dry)	Low
Slip Potential (Wet)	Low

Slip Test Report

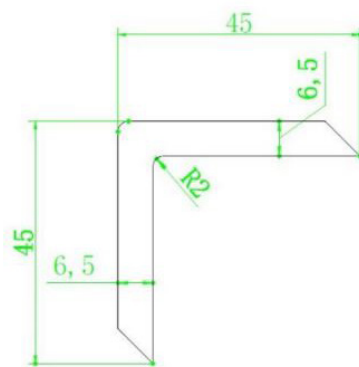
WPC Decking achieved an anti-slip/low risk surface in both wet and dry conditions.

Product CAD Drawings & Dimensions

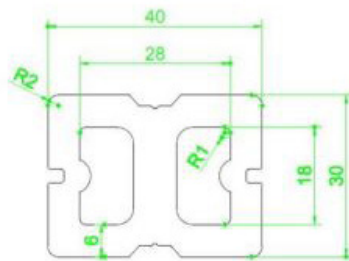
WPC Double Faced Board CAD



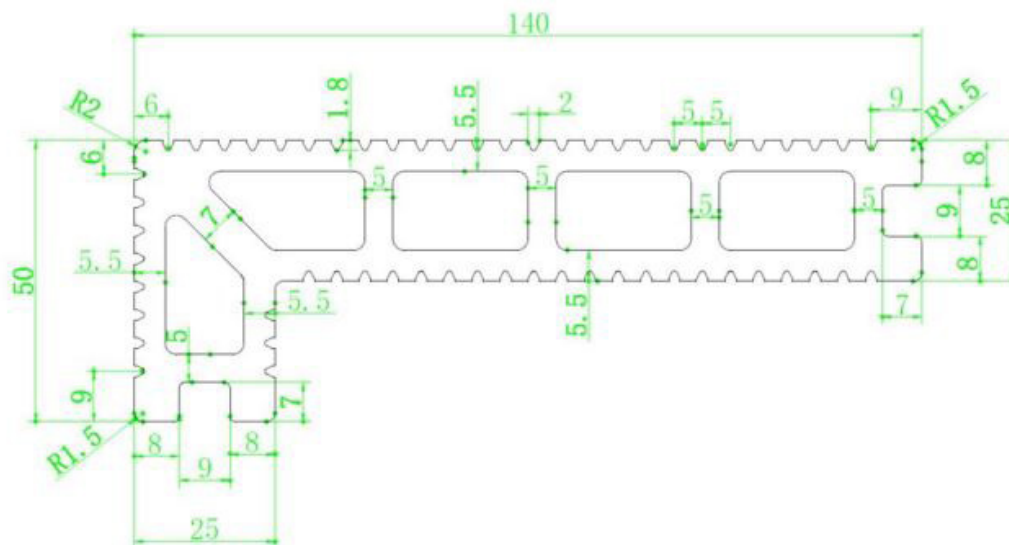
WPC Angle Trim CAD



WPC Sub Frame CAD



WPC Step Board CAD



Fixings Product Dimensions



WPC Fixing Clip

31mm (Length) x 18mm (Width) x 11mm (Thickness)



Stainless Steel Intermediate Clip

36mm (Length) x 40mm (Width) x 11mm (Thickness)



Stainless Steel Starter Clip

27mm (Length) x 24mm (Width) x 10mm (Thickness)