



PRODUCT DATA SHEET



TRITON WPC DECKING

ABOUT TRITON WPC 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	$\pm 2.5\%$	- 0.10%
Resistance to Wear	< 0.08 g/100 r	0.077 g/100 r
Size Change H/L Temp.	$\pm 0.2\%$	- 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



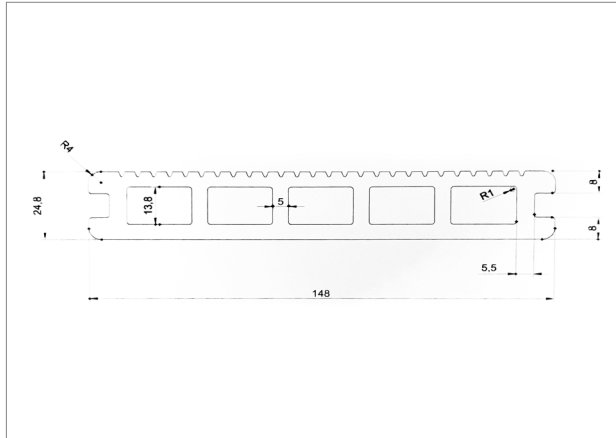


PRODUCT DATA SHEET

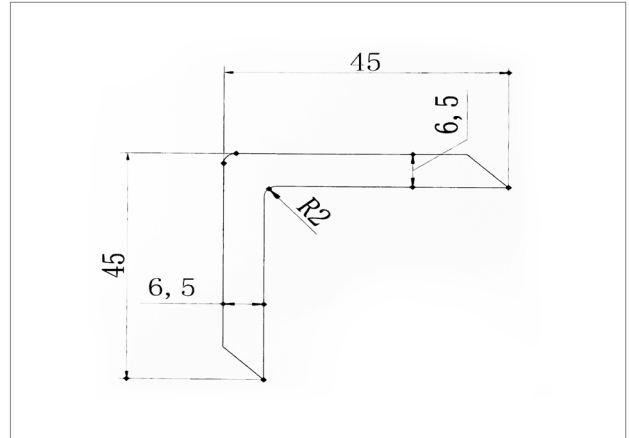
TRITON WPC DECKING

PROFILE DRAWINGS

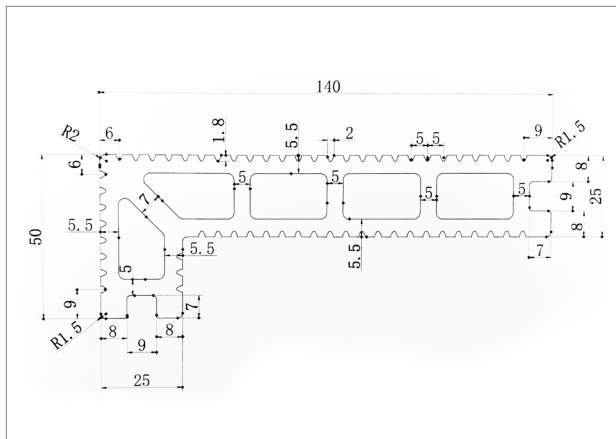
WPC DECK BOARD



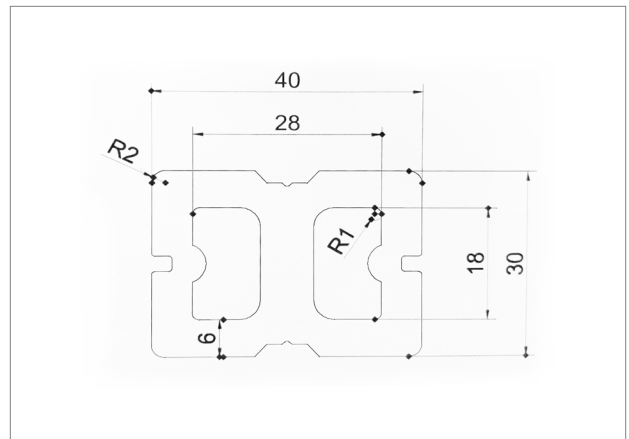
WPC ANGLE TRIM



WPC STEP BOARD



WPC SUBFRAME



CLIP DESCRIPTION	MEASUREMENTS (LENGTH x WIDTH x THICKNESS)
PVC Fixing Clip	31 mm x 18 mm x 11 mm
Intermediate S/S Clip	36 mm x 40 mm x 11 mm
Starter S/S Clip	27 mm x 24 mm x 10 mm

