

HD DECK®



HD DECK®



TECHNICAL SPECIFICATION

intertek
Total Quality Assured.

For more information please visit our website
www.composite-prime.com



Composite Prime®
Natural Evolution

TECHNICAL SPECIFICATION



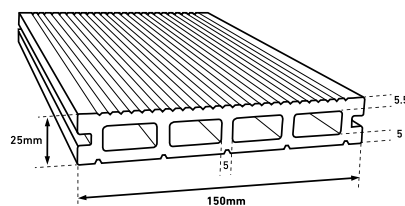
Test	Test Method	Test Description	HD DECK® 150	150	Requirements
Slip Resistance	EN 15534-1:2014 Section 6.4.2 CEN/TS 15676:2007 EN 15534-4:2014 Section 4.4	Pendulum Wet Longitudinal	Mean: 42 Min: 40	≥ 36	
		Pendulum Wet Horizontal	Mean: 40 Min: 38		
	EN 15534-1:2014 Section 6.4.2 CEN/TS 15676:2007 EN 15534-4:2014 Section 4.4	Pendulum Dry Longitudinal	Mean: 58 Min: 58	≥ 36	
		Pendulum Dry Horizontal	Mean: 72 Min: 72		
	DIN 51130:2014	Slip Resistance Oil-Wet Ramp Test	R10 17.0°	R9 = 6° < X ≤ 10° R10 = 10° < X ≤ 19° R11 = 19° < X ≤ 27° R12 = 27° < X ≤ 35° R13 = > 35°	
Flexural Properties (300mm)	EN 15534-1:2014 Annex A EN 15534-4:2014 Section 4.5.2	Bending Strength	24.7 MPa	-F' max: Mean ≥ 3300 N Min ≥ 3000 N	
		Modulus of Elasticity	2.5 GPa		
		Maximum Load	Mean: 4820 N Min: 4649 N		
		Deflection	Mean: 0.80mm Max.: 0.93mm	- Deflection under a load of 500 N Mean ≤ 2.0mm Max.: ≤ 2.5mm	
Tensile Properties	EN 15534-1:2014 Section 7.2 ISO 527-2:2012	Tensile Strength	Mean Value: 21.2 MPa		
Impact Resistance	EN 15534-1:2014 Section 7.1.2.1 EN 15534-4:2014 Section 4.5.1	Falling Mass Impact	Max Crack Length (mm): No Crack Max Residual Indentation (mm): 0.18	Pass	
	EN 15534-1:2014 Section 7.1.1 ISO 179-1:2010	Charpy Impact Strength	Mean value: 6.8 kJ/m2	Method of Designation ISO 179-1/1fU	
Fire	EN ISO 9239-1:2010	Critical Heat Flux	Fire Behaviour: C fl Smoke Production: s1	The classification has been carried out in accordance with EN 13501-1	
	EN ISO 11925-2:2010 Exposure = 15 s	Ignitability			
Water Absorption	EN 15534-1:2014 Section 8.3.3 EN 15534-4:2014 Section 4.5.5	Boiling Test (5 hours)	Water Absorption in Weight: Mean: 2.1% Max: 2.5%	Means ≤ 7% Max. ≤ 9%	
		28 Days Immersion	Mean Swelling: 0.66% in thickness 0.02% in width 0.05% in length	Mean Swelling: ≤ 4% in thickness ≤ 0.8% in width ≤ 0.4% in length	
	EN 15534-1:2014 Section 8.3.1 EN 15534-4:2014 Section 4.5.5		Max Swelling: 0.86% in thickness 0.05% in width 0.08% in length	Max Swelling: ≤ 5% in thickness ≤ 1.2% in width ≤ 0.6% in length	
	Water Absorption: Mean: 1.5% Max: 1.7%		Water Absorption: Means ≤ 7% Max. ≤ 9%		
Density	EN 15534-1:2014 Section 6.2 ISO 1183-1:2012 Method A	Density	1.239 g/cm3		

Test	Test Method	Test Description	HD DECK® 150 FIRE	Requirements
Fire	EN ISO 9239-1:2010	Critical Heat Flux	Fire Behaviour: B fl Smoke Production: s1	The classification has been carried out in accordance with EN 13501-1
	EN ISO 11925-2:2010 Exposure = 15 s	Ignitability		

These specifications represent the result of Intertek evaluation of HD Deck® 150 to the requirements of the standards listed above.

HD DECK® 150

Board Dimensions:
25x150x3600mm



Wood Flour is
FSC® 100% Certified



Recycled
Plastic



DID YOU KNOW?

We recycle the
equivalent of
3,000
bottle caps per square
metre of decking

We recycle the
equivalent of
280
plastic milk bottles
per square metre of decking

n.b. There will be a variation in colour between class C rated boards and class B rated boards.