HD DECK® XS

HD DECK® XS FIRE

TECHNICAL SPECIFICATION

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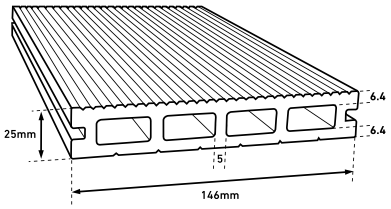
Test	Test Method	Test Description	HD DECK® XS	Requirements
Slip Resistance	EN 15534-1:2014 Section 6.4.2 CEN/TS 15676:2007 EN 15534-4:2014 Section 4.4	Pendulum Wet Longitudinal	**Mean: 44 Min: 42**	≥ 36
		Pendulum Wet Horizontal	**Mean: 42 Min: 40**	
	EN 15534-1:2014 Section 6.4.2 CEN/TS 15676:2007 EN 15534-4:2014 Section 4.4	Pendulum Dry Longitudinal	**Mean: 58 Min: 58**	≥ 36
		Pendulum Dry Horizontal	**Mean: 73 Min: 72**	
	DIN 51130:2014	Slip Resistance Oil-Wet Ramp Test	**R11 19.9°**	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	**43.2 MPa**	-F' max: Mean ≥ 3300 N Min ≥ 3000 N
		Modulus of Elasticity	**3.8 GPa**	
		Maximum Load	**Mean: 7940 N Min: 7601 N**	
		Deflection	**Mean: 0.77mm Max.: 0.82mm**	- 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: 30.8 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): 0.15**	Pass
	EN 15534-1:2014 Section 7.1.1 ISO 179-1:2010	Charpy Impact Strength	**Mean value: 8.1 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: 2.0% Max: 2.1%**	Means ≤ 7% Max. ≤ 9%
	EN 15534-1:2014 Section 8.3.1 EN 15534-4:2014 Section 4.5.5	28 Days Immersion	**Mean Swelling: 1.06% in thickness 0.07% in width 0.08% in length**	Mean Swelling: ≤ 4% in thickness ≤ 0.8% in width ≤ 0.4% in length
			Max Swelling: 1.17% in thickness 0.13% in width 0.11% in length	Max Swelling: ≤ 5% in thickness ≤ 1.2% in width ≤ 0.6% in length
			Water Absorption: Mean: 2.8% Max: 3.2%	Water Absorption: Means ≤ 7% Max. ≤ 9%
Density	EN 15534-1:2014 Section 6.2 ISO 1183-1:2012 Method A	Density	**1.285 g/cm3**	

Test	Test Method	Test Description	HD DECK® XS 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® XS to the requirements of the standards listed above.



Walnut | Silver | Lava | Slate (XS Fire only)

Board Dimensions:
25x146x3600mm

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Wood Flour is FSC® 100% Certified

2
HDPE

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