

Fiche Produit : Lamelles de terrasse en bois composite



Détail produit :

Nom	WPC Decking Exterior
Section	
Largeur	135mm
Epaisseur	25mm
Poids	2.50kg/M
Densité	1350kg/m ³
Longeur	2.90m or sur mesure
Application	Parc, jardin, piscine
Traitement de surface	Sablage
Garantie	5 ans

Fiche Produit : Lamelles de terrasse en bois composite



Data sheet			
PRODUCT SPECIFICATION			
Item	Standard	Requirements	Result
Slip Resistance Dry	EN 15534-1:2014 Section 6.4.2 CEN/TS 15676:2007 EN 15534-4:2014 Section 4.4	Pendulum value ≥ 36	Longitudinal direction: Mean 72, Min 70 Horizontal direction: Mean 79, Min 78
Slip Resistance Wet	EN 15534-1:2014 Section 6.4.2 CEN/TS 15676:2007 EN 15534-4:2014 Section 4.4	Pendulum value ≥ 36	Longitudinal direction: Mean 46, Min 44 Horizontal direction: Mean 55, Min 53
Falling mass impact resistance	EN 15534-1:2014 Section 7.1.2.1 EN 15534-4:2014 Section 4.5.1	None of the specimens shall a failure with a crack length ≥ 10 mm or a depth of residual indentation ≥ 0.5 mm	Max. Crack length (mm): No crack Max. Residual indention (mm): 0.31
Flexural properties	EN 15534-1:2014 Annex A EN 15534-4:2014 Section 4.5.2	-F' max: Mean ≥ 3300 N, Min ≥ 3000 N -Deflection under a load of 500N Mean ≤ 2.0 mm, Max ≤ 2.5 mm	Bending Strength: 27.4 MPa Modulus of elasticity: 3969 MPa Maximum load: Mean 3786N, Min 3540N Deflection at 500N: Mean: 0.86mm, Max: 0.99mm
Creep behaviour	EN 15534-1:2014 Section 7.4.1 EN 15534-4:2014 Section 4.5.3	Known span in use: Mean $\Delta S \leq 10$ mm, Max $\Delta S \leq 13$ mm, Mean $\Delta S_r \leq 5$ mm	Span: 330mm, Mean ΔS 1.65mm, Max ΔS 1.72mm, Mean ΔS_r 1.27mm
Swelling and water absorption	EN 15534-1:2014 Section 8.3.1 EN 15534-4:2014 Section 4.5.5	Mean Swelling: $\leq 4\%$ in thickness, $\leq 0.8\%$ in width, $\leq 0.4\%$ in length Max swelling: $\leq 5\%$ in thickness, $\leq 1.2\%$ in width, $\leq 0.6\%$ in length Water absorption: Mean: $\leq 7\%$, Max: $\leq 9\%$	Mean Swelling: 1.81% in thickness, 0.22% in width, 0.36% in length Max Swelling: 2.36% in thickness, 0.23% in width, 0.44% in length Water absorption: Mean: 4.32%, Max: 5.06%

Fiche Produit : Lamelles de terrasse en bois composite



Boiling Test	EN 15534-1:2014 Section 8.3.3 EN 15534-4:2014 Section 4.5.5	Water absorption in weight: Mean $\leq 7\%$, Max $\leq 9\%$	Water absorption in weight: Mean: 3.06%, Max: 3.34%
Linear thermal expansion coefficient	EN 15534-1:2014 Section 9.2 EN 15534-4:2014 Section 4.5.6 ISO 11359-2:1999	$\leq 50 \times 10^{-6} \text{ K}^{-1}$	$34.2 \times 10^{-6} \text{ K}^{-1}$
Resistance to indentation	EN 15534-1:2014 Section 7.5 EN 15534-4:2014 Section 4.5.7		Brinell hardness: 79 MPa Rate of elastic recovery: 65%
Heat reversion	EN 15534-1:2014 Section 9.3 EN 15534-4:2014 Section 4.5.7 EN 479:2018		Test Temperature: 100°C Mean: 0.09%

