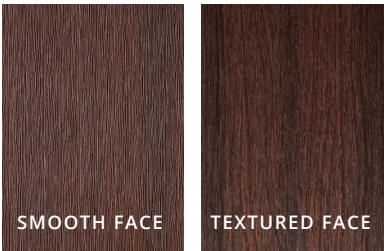




IPE



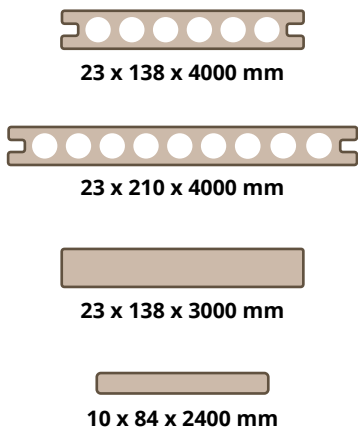
TEAK



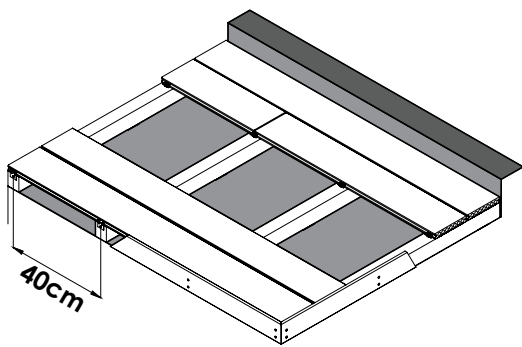
LIGHT GREY



DARK GREY



IPE	TEAK	LIGHT GREY	DARK GREY
Ref 1240	Ref 1241	Ref 1239	Ref 1238
Ref 1244	Ref 1245	Ref 1243	Ref 1242
Ref 1248	Ref 1249	Ref 1247	Ref 1246
Ref 0708	Ref 0895	Ref 0707	Ref 0706



Cobra Start/End
(30 clips + 30 screws)
for Fiberdeck® decking
Ref 0336



Cobra Hybrid 8-18
(90 clips + screws)
1 bag for 4.5 m2
Ref 0993

TEST	METHOD	RESULT
Abrasion Resistance	ASTM D4060-10	33 mg (1000 cycles)
Brinell Hardness	EN15534	82 N/mm ²
Boiling	EN15534	Water absorption by weight: 1.10 96
Tensile strength	EN319	Average bond strength > 2.3M Pa No apparent breakage after test
Linear coefficient of thermal expansion	ASTM D696	32.2 x 10 ⁻⁶ K ⁻¹
	EN15534	38.9 x 10 ⁻⁶ mm/mm°C
Creep in bending	EN15534	Distance between two spans: : 350 mm Exposure 1000 N for 504 h (21 days) ΔS : difference between the deflection at the end of the test and the deflection after 1 min of application of the load. ΔS_r : Difference between the deflection 24 hours after the load has been removed and the deflection before the load is applied. Values obtained: : ΔS : 4.70 mm, ΔS_r : 2.81 mm
Creep Recovery	ASTM D7032	Recovery after 24 hours: 9396
Electrostatic behaviour	EN1815	Voltage: 1.1kV
Impact resistance per falling mass	EN15534	No breakage failure with crack Residual (mm): 0.14
Formaldehyde content	EN717-1	Not Detectable
Flexion	EN15534	The distance between two spans: 350 mm Flexural strength : 26.2 Mpa, Modulus of elasticity : 3.10 Gpa, Max. load : 4537 N, Deflection at 500 N : 0.88 mm
Moisture content	EN15534 EN322	0.83%
Mold resistance under cyclic conditions	EN15534	Modulus of rupture before exposure: 27.4 Mpa Modulus of rupture after exposure: 24.8 Mpa
Salt spray resistance	EN15534 ISO9227	$\Delta E^* = 1.42$,
Résistance aux rayures	ISO4586-2	Classe 2
Indentation resistance	EN15534	Applied load 2000 N Brinell hardness: 72 Mpa Elastic recovery rate: 65 96
Accelerated aging (UV)	EN15534 ISO4892-2	Exposure after 2000h $AE^* = 1.09$
Slip resistance	EN15534-1 EN15534-4	Pendulum test: Longitudinal: 44; Horizontal: 56 Test plane inclination: Angle: 25.0°, Class C
	DIN51130	Ramp covered with oil: Angle: 19.7° Class: R11
	DIN51097	Wet ramp : Front view: Angle: 31.2° Class: C Back view: Angle: 29.0° Class: C
Swelling and water absorption (24h immersion)	EN15534	Swelling: 0.06 96 in thickness, 0.03 96 in width, 0.03 96 in length. Water absorption: 0.49 96
Swelling and water absorption (28-day immersion)	EN15534	Swelling: 0.78 96 in thickness, 0.07 96 in width, 0.12 96 in length. Water absorption: 1.66 96
Thermal conductivity	CE EN14041(2004)	0.19738 W/m·K