BUILDDECK

REGENT *lite* Composite Decking

Dimensions	138 x 23 mm
Length	3600 mm
Colour Options	Grey & Ipe Wood / Teak & Charcoal
Installation Options	Hidden Clip System
Design / Finish	Dual Sided - Woodgrain
FSC© Certification	License code: FSC-C007915

Dual sided
Grey & Charcoal

Dual sided
Teak & Ipe Wood

All 4 colours available

Step Board
3600 mm
140 x 22 mm
Woodgrain

All 4 colours available

L-Shaped Trim
3600 mm
60 x 40 mm
Woodgrain

Test Items	Test Method	Test Result
Appearance	EN 15534-1:2014+A1:2017 Section 6.1 EN 15534-4: 2014 Section 4.3	Test specimens ware no crack, no blister and other visible defects.
Slipperiness (Pendulum test)	EN 15534-4:2014 Section 4.4 EN 15534-1:2014 Section 6.4.2 CEN/TS 15676:2007	Dry Longitudinal direction: Mean: 57 Dry Horizontal direction: Mean: 76 Wet Longitudinal direction: Mean: 40 Wet Horizontal direction: Mean: 40
Reaction to fire	EN 13501-1:2007+A1:2009	Cfl -s1
Falling mass impact resistance	EN 15534-1:2014+A1:2017 Section 7.1.2.1 EN 15534-4: 2014 Section 4.5.1	Max. Crack length (mm): No Crack Max. Residual Indentation (mm): 0.29
Flexural properties	EN 15534-1:2014+A1:2017 Annex A EN 15534-4: 2014 Section 4.5.2	Bending Strength: 30. 7 MPa Modulus of elasiticity: 3.6 GPA Maximum load: Mean: 3771 N - Min: 3622 N Deflection at 500N: Mean: 0.79 mm - Max: 0.90 mm
Resistance to artificial weathering	EN 15534-1:2014+A1:2017 Section 8.1 EN 15534-4: 2014 Section 4.5.5 ISO 4892-2: 2013, cycle 1	After 2000h exposure: Δ L*= 3.38 Δ a*= -0.25 Δ B*= -0.35 Grey Scale= 3 Δ E*= 3.44
Moisture resistance under cyclic test conditions	EN 15534-1:2014+A1:2017 Section 8.3.2 EN 15534-4: 2014 Section 4.5.5	Original MOR: 30. 7MPa After exposure, Mean MOR: 28.1 MPa Mean Decrease: 9 % Min. MOR: 26.4 MPa Max. Decrease: 14 %
Boiling Test	EN 15534-1:2014+A1:2017 Section 8.3.3 EN 15534-4: 2014 Section 4.5.5	Water absorption in weight: Mean: 0.95 % Max: 1.00 %
Linear thermal expansion coefficient	EN 15534-1:2014+A1:2017 Section 9.2 EN 15534-4: 2014 Section 4.5.6	Mean: 41.6 - 10^{-6} K^{-1}
Degree of chalking	EN 15534-1:2014+A1:2017 Section 10.1 EN 15534-4: 2014 Section 4.5.7 EN ISO 4628-6:2007	After 2000H aging testing: There was no chalking on the test specimens.