

Performance Composite Decking Board

Overview

The Performance composite decking board comes in five attractive colours each with reversible grooved finishes.

- Long-lasting: will not rot, warp or twist
- Non-slip and splinter-proof
- Low maintenance: no need to treat or stain
- Class B fire rated



Performance

Reaction to fire – EN ISO 13501-1		Bfl - s1
Deviations of dimension decking profiles and support rail profiles, mm:	length	± 5.0
	width	± 1.2
	total thickness	± 0.5
	top layer thickness	± 0.3
	bottom layer thickness	± 0.5
Edge straightness, mm/m		≤ 0.5
Curvature transverse, mm		≤ 0.5
Falling mass impact resistance, into the top and bottom surfaces, impact energy of 7 J, temp. +23oC i -20oC		no cracks in length ≥ 10 mm and a depth of indentation ≥ 0.5 mm
Moisture resistance, determined decrease of bending strength under the cyclic moistening		mean value ≤ 20 individual value ≤ 30
Properties of decking profiles at bending (spacing of support rail profiles 400 mm):	destructive force, N	mean value ≥ 3300 individual value ≥ 300
	deflection under a load of 500 N, mm	mean value ≤ 2.0 individual value ≤ 2.5
	bending strength, MPa	≥ 40
	modulus of elasticity in bending, MPa	≥ 4000
Density		1.35 g/m3

Performance Continued

Swelling after 28 days the total immersion into water at a temperature (+20 ± 2)°C, %:	in length direction	mean value ≤ 0.4 individual value ≤ 0.6
	in width direction	mean value ≤ 0.8 individual value ≤ 1.2
	in thickness direction	mean value ≤ 5.1 individual value ≤ 5.3
Absorption after 28 days the total immersion into water at a temperature (+20 ± 2)°C, %		mean value ≤ 7.0 individual value ≤ 9.0
The coefficient of linear thermal expansion in temperature range of -20 °C to 80 °C, K-1		≤ 5 · 10 ⁻⁵
Resistance to accelerated ageing after 300 h irradiation, determined by the difference of colour:	Dusk	ΔEab* ≤ 3
	Dawn	ΔEab* ≤ 12
	Noon	ΔEab* ≤ 9
	Midnight	ΔEab* ≤ 6
	Twilight	ΔEab* ≤ 10
Slip resistance - PTV	Dry	≥ 70
	Wet	≥ 50
Ability to maintain fasteners (load capacity pull-through of fasteners), specified by:	breaking force, N	≥ 2000
	pull through strength (pull through parameter), MPa	≥ 70
Floor resistance to dynamic loads, Nm		≥ 450

Dimensions

Code	Width	Thickness	Length
Decking Board	150mm	25mm	3000mm

Finishes



Midnight



Twilight



Dawn



Dusk



Noon

Accessories



Edge profile

Alternative way of capping off board ends/step treads.



Plastic T-clip

For a 6mm gap between boards



Metal clasp

For a 4mm gap between boards



Decking Screw - Black

3.9 x 30mm CK screw for Plastic T-Clips

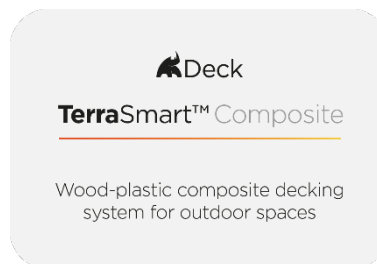
Accessories (Cont.)



Starter/End Clip

For fixing down decking at start and finish of decking areas

Compatible Systems



Got questions?

Speak to one of our expert advisors

Visit www.rynogroup.co.uk or call us today on **+44 (0)203 967 3500** or reach out on sales@rynogroup.co.uk.