



ENGINEERED
FOR THE
OUTDOORS

FIRE RESISTANT DECKING SPECIFICATION



RECYCLED MATERIALS
100% QUALITY INSPECTED

SPLINTER FREE
LOW MAINTENANCE

BRITISH DESIGN
FIRE-RESISTANT OPTIONS





ANTI-SLIP

SUBFRAME • DECKING • FENCING
GATES • BALUSTRADE • FIRE RATED OPTIONS

Scan here to
find out more



FIRE RESISTANT DECKING SPECIFICATION

	A	B
		
		
	A	B
	HOLLOW	SOLID
Board Size	3.6m	3.6m
Board Width	143mm	143mm
Board Depth	23mm	23mm
Board Finish	Deep Embossed and Grooved	Deep Embossed and Grooved
Board Weight	11.4kg per board	18kg per board
Board Coverage	0.5sqm	0.5sqm
Available Colours	Grey, Coffee, Charcoal	Grey, Coffee, Charcoal
Square Edge Board	Yes	Yes
Hidden Fastening System	Yes	No (colour coded screws)
Material	WPC	WPC
Board Gap	3mm - refer to installation guide	3mm - refer to installation guide
Application	Domestic and Light Commercial	Domestic and Light Commercial
Flexural Strength - BS EN 15534-1:2014+A1:2017		
@300mm centres	31.5 MPA	38.7 MPA
@350mm centres	31.6 MPA	38.2 MPA
@400mm centres	29.9 MPA	37.5 MPA
Anti-Slip Grooved Side BS 7976-2:2002+A1:2013 (Pendulum Test)	74 Dry 46 Wet	71 Dry 46 Wet
Anti-Slip Grained Side BS 7976-2:2002+A1:2013 (Pendulum Test)	75 Dry 48 Wet	66 Dry 41 Wet
Fire Resistance Rating	BS EN13501-1B _{fl}	BS EN13501-1B _{fl}
Critical Heat Flux EN ISO 9239-1:2010	Fire Behaviour: B _{fl}	Fire Behaviour: B _{fl}
Ignitability EN ISO11925-2:2020 Exposure 15s	Smoke Production: s1	Smoke Production: s1

	A	B
		
	A	B
	FIXINGS AND ACCESSORIES	
A	Fixing Clips for Hollow Decking	
B	Solid Decking Board screws: M4.5 x 65mm Self-drilling carbon steel screws – available in Grey, Charcoal and Brown colour	

LAID DECKING MEASUREMENTS			
HOLLOW		SOLID	
Install Temperatures (degrees centigrade)	Expansion Gaps Required (end to end)	Residential centre-to-centre joist spacing	400mm Max
0-10	6mm	Minimum end-to-end gap (butt joint)	4mm
11-15	5mm	Minimum side to side gap	4mm
16-20	4mm	Minimum distance from side edge for fastening boards	20mm
21-25	3mm	Minimum distance from end edge for fastening boards	25mm
26+	2mm	Minimum gap from side and end edge to solid structures	10mm

COMPOSITE MIX

Approximately 60% recycled materials consisting of around 32% recycled wood fibres, 28% recycled plastic, 35% fire retardant, 1% antioxidants and anti-ultraviolet agents, 3% pigments and 1% lubricants.

GREY

COFFEE

CHARCOAL

