

Hyperion® Strong-Span Aluminium Decking

Designed specifically for retrofitting onto steels. Strong-Span is the only board on the market which allows for cutting while still sitting within structural limits. Strong-Span has two removable inserts and has the ability to drain water.

Overview

Profile

300 x 30 mm

Length

Custom built to order

Material

T6-6063 Aluminium

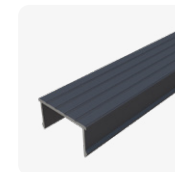
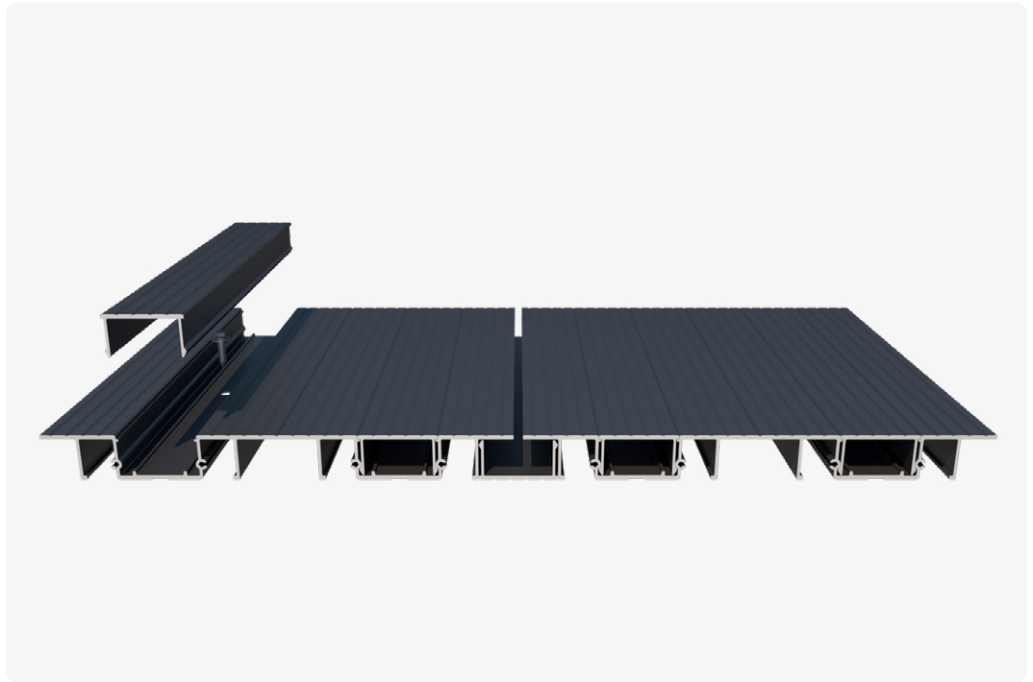
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Registered Number

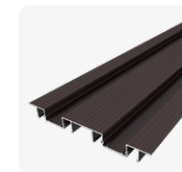
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Registered Office

305-308 Metal Box Factory,
30 Great Guildford Street,
London, SE1 0HS



Strong-Span
Decking Insert



Grey Brown
8019 Strong-
Span Decking
Board



Anthracite Grey
7016 Strong-
Span Decking
Board

Main Properties

Property	Attribute
Dimensions (WxD)	300 x 30 mm (deck board length is custom built to order, up to 6.5 m)
Material	Aluminium 6063-T6, Interpon PE powder
Finish	Anti-slip Qualicoat 1 textured powder coat
Linear Mass	4.608 kg/m
Area Mass	15.36 kg/m ²
Colours	7016 Anthracite Grey, 8019 Grey Brown, 8014 Sepia Brown, 7037 Dusty Grey (bespoke RAL colours available)
Fixtures	MESA® Self-drilling Countersunk Screws (no clips needed)
Warranty	Up to 30 years
Reaction to fire (to EN 13501)	A2 s1 d0, A2fl s1
Pendulum test slip resistance (PTV) (to BS EN 14231)	Dry: 68 Wet: 41 (Low slip potential) Wet (0° to profile): 35 Wet (45° to profile): 40 Wet (90° to profile): 48
Micro roughness slip resistance	Rz: 21 µm (Low slip potential)
Area moment of inertia (I)	17.30 x 10 ⁻⁸ m ⁴

Span Table

Note: BS 8579 suggests a maximum deflection of 5 mm

Deflection Allowed: Full Board

	1/180	1/360	1/480	5 mm
2 kN/m ²	2.10 m	1.50 m	0.30 m	1.60

Deflection Allowed: Cut to Half Width

	1/180	1/360	1/480	5 mm
2 kN/m ²	1.50 m	1.05 m	0.90 m	1.25