

Technical Specification

v2.2

150 Aqua-Channel Aluminium Decking

With patented interlocking attachments, 150 Aqua-Channel can have either a continuous appearance or a gapped appearance (aesthetic gaps at every 150 mm). This, coupled with in-built drainage pieces, makes this deck an incredibly versatile option.

Overview

Length

3600 mm

Profile

150 x 21 mm

Material

T6-6063 Aluminium

The data provided in EnviroBuild technical specifications are correct at the time of publication. EnviroBuild is continuously looking to improve existing products and increase transparency through further tests, meaning some information may change.

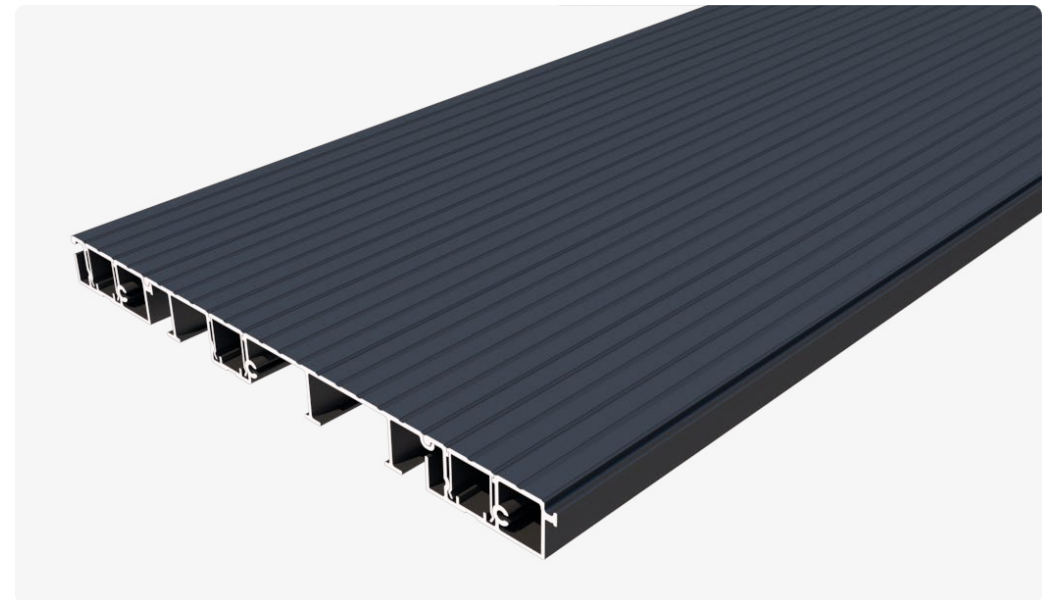
EnviroBuild reserves the right to update Technical Specifications as and when we become aware of any changes to the data.

Registered Number

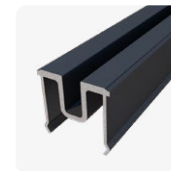
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Registered Office

29 Pear Tree Street,
London,
EC1V 3AG



Start / End
Profile



Gap Insert



Flush Insert



Anthracite Grey
7016 Decking
Board



Grey Brown
8019 Decking
Board

150 Aqua-Channel Technical Data

Main Properties

Property	Attribute
Dimensions (WxDxL)	150 x 21 x 3600 mm
Material	Aluminium 6063-T6, Interpon PE powder
Finish	Anti-slip Qualicoat 1 textured powder coat
Weight	9.57 kg/m ² (using gap insert)
Colours	8019 Grey Brown, 7016 Anthracite 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)	2.64E-08 m ⁴

Center Spacings (per m)

With safety factor of 1.5

Note: BS 8579 suggests a maximum deflection of 5 mm

Acceptable Deflection				
	1/180	1/360	1/480	5 mm
2 kN/m ²	0.83 m	0.61 m	0.52 m	0.85 m