



ENVIRO
BUILD

— HYPERION® —
NON-COMBUSTIBLE DECKING

TECHNICAL SPECIFICATION

150 **AQUA-CHANNEL**

150 AQUA-CHANNEL ALUMINIUM DECKING

TESTING	DESCRIPTION
Material	T6-6063 Aluminium
Board Size	150 (w) x 21 (d) x 3600 (l) mm
Reaction to Fire (to EN13501)	A2 s1 d0 & A2 _{fl} s1
Finish	Anti-slip textured powder coat (mill or anodized finish available).
Colours	8019 Grey Brown, 7016 Anthracite Grey. Any other RAL colour available.
Slip Resistance: Flush Finish (to BS EN 14231)	Powder Coating: Dry 52 Wet 46 (ptv - low slip potential).
Slip Resistance: Gap Finish (to BS EN 14231)	Powder Coating: Dry 52 Wet 47 (ptv - low slip potential).
Weight	8.55 kg m ⁻³
Young's Modulus	68.3 GPa
Tensile Strength	160 MPa
Elongation at Break	18-33 %
Poisson's Ratio	0.3
Melting Temperature	615 °C
Thermal Conductivity	210 W m ⁻¹ K ⁻¹
Linear Thermal Expansion Coefficient	2.34 x 10 ⁻⁵ K ⁻¹
Specific Heat Capacity	900 J kg ⁻¹ K ⁻¹
Volume Resistivity	30-35 nΩ-m

Span Table (mm)

kN/m ²	Deflection Allowed		
	1/200	1/360	1/480
2.5	850	700	650
4	700	600	550
5	650	550	500