



ENVIRO
BUILD

— HYPERION® —
NON-COMBUSTIBLE DECKING

TECHNICAL SPECIFICATION

145 **PRO-GRIP**

145 PRO-GRIP ALUMINIUM DECKING

TESTING	DESCRIPTION
Material	T6-6063 Aluminium
Board Size	145 (w) x 21 (d) x 3600 (l) mm
Reaction to Fire (to EN13501)	A2 s1 d0 & A2 _n s1
Finish	Anti-slip textured powder coat (mill or anodized finish available).
Accessories	Hyperion Aluminium Decking Edge Piece, Hidden 6 mm Fasteners, Hidden 3 mm Fasteners, Hidden Starter Fasteners.
Colours	8014 Sepia Brown, 8019 Grey Brown, 7037 Dusty Grey, 7016 Anthracite Grey. Any other RAL colour available.
Slip Resistance (to BS EN 14231)	Powder Coating: Dry 67 Wet 47 (ptv - low slip potential). Mill Finish: Dry 68 Wet 40 (remains low slip even as coating wears).
Density	2.69 g cm ⁻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