

Ultradeck Essence Series

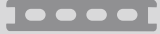
TECHNICAL INFORMATION

ULTRA DECK

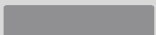
Colours



Decking Boards

COLOUR	SIZE	ITEM NO	PROFILE
 Charcoal	138×23×5400mm	UDNEW-138-H-HACH-A	
 Havana	138×23×5400mm	UDNEW-138-H-HACH-B	

Edge Boards

COLOUR	SIZE	ITEM NO	PROFILE
 Charcoal	138×23×5400mm	UDNEW-138-L-CH-FB	
 Havana	138×23×5400mm	UDNEW-138-L-HA-EB	



Ultradeck Essence Series

TECHNICAL INFORMATION

ULTRA DECK

TEST	STANDARD	RESULT
Structural Design: Concentrated Loads & Spans*	AS/NZS1170.0:2002	Domestic and residential activities up to 1.8kN = Max. 400m span (centre to centre)* Non-residential activities up to 2.7kN (but including residential stairs and landings) = Max. 350mm span (centre to centre)*
Weight	-	2.53kg/m (13.65kg per 5.4m length)
Water Absorption and Thickness Swelling	ATSM D1037-12	Water absorption(by weight) 0.75% Thickness swelling 0.16
UV Resistance	ASTM G154-16, or EN 15534-1:2014 Section 8.1	2000h, Grey Level = 4
Weathering Test	ISO 4892-2:2013 cycle 1	After 720-hour test, there was no visual chalking on the surface
Slip Resistance	AS4586-2013 Wet pendulum test method	.P4
Creep Rupture	ATSM D7031-11(2019) section 5.10.2	No evidence of tertiary creep and no failures
Mould Resistance	ISO 16869:2008 Plastic Assessment of the effectiveness of fungistatic compounds in plastic formulations	0 (no growth)
Coefficient of Linear Thermal Expansion	ASTM D696-08	3.71×10^{-5} cm/cm/°C
Density	ASTM D792-13 Method B	1.222g/cm ³
Abrasion/Wear Resistance	ASTM D4060-19	Mass/Weight loss, 108.8mg
Reach	EU Reach Regulation N01907/2006 Article 33(1) Obligation to provide information of safe use	PASS
Creep Recovery	ASTM D7031-17	Creep recovery: 92% (requirement >75%) = PASS