

Forma slatted cladding takes inspiration from natural western red cedar. This stunning material from the capped Forma® range looks as impressive as natural wood cladding with no need to paint, stain or oil. Forma cladding products come with a 25 year warranty.



Midnight



Length

2.5m

3.6m

ECOSLATMD25

ECOSLATMD

## Slatted

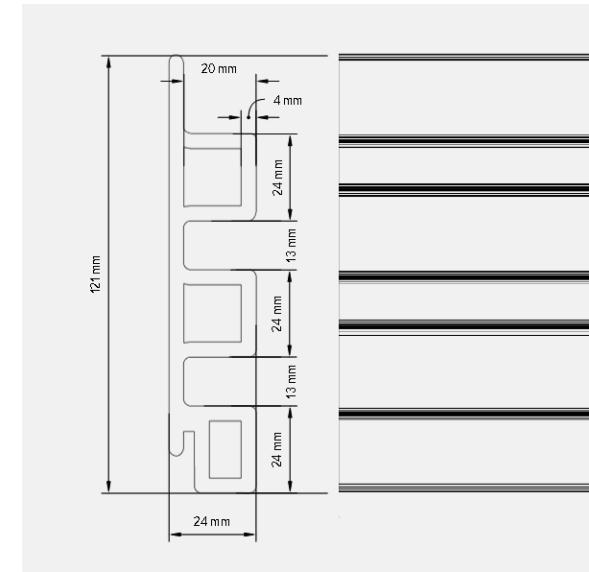
Length (mm)	2500 / 3600
Width (mm)	121 (112 installed)
Depth (mm)	24
Weight (p/lm)	2.14kg
Material	Wood Plastic Composite
	Brushed finish
Finish	Slatted 24mm Batten

Silver Birch



ECOSLATSB25

ECOSLATSB



Spiced Oak

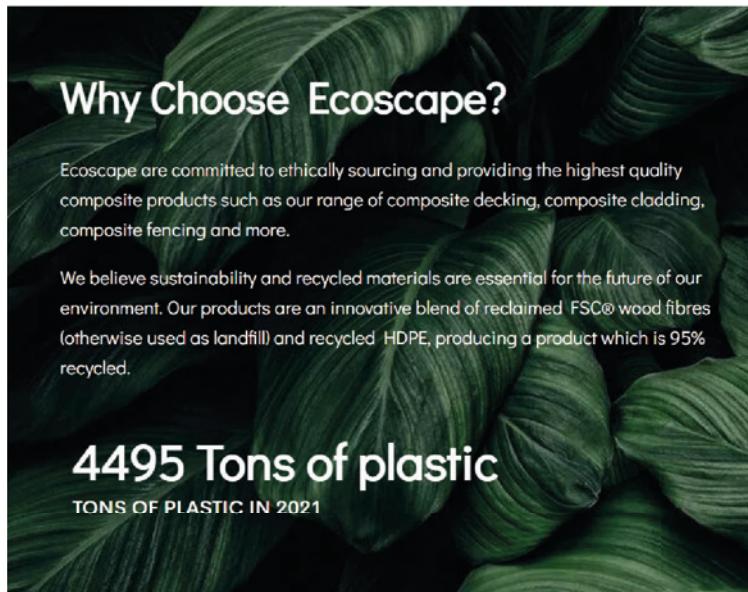


ECOSLATSO25

ECOSLATSO

## Forma Decking Benefits

Ecoscape UK Forma composite products have all the benefits of Clarity, with the additional benefits afforded by the HDPE capping. This results in a composite product that is more hardwearing, stain-resistant, and resistant to colour fading. We are so confident in the quality of our board that we offer an industry-leading 25 year warranty.



### Sustainable Choice

Ecoscape UK Wood Plastic Composite products are made from recycled plastic and wood fibre. Choosing Ecoscape UK ensures this waste material is diverted from landfill, and given a second life.



### Great Composite Benefits

Not only easy to install, with our hidden clip system, Ecoscape UK composite cladding is practical, low maintenance, and with our 25 year warranty, will be sure to look good for years to come.

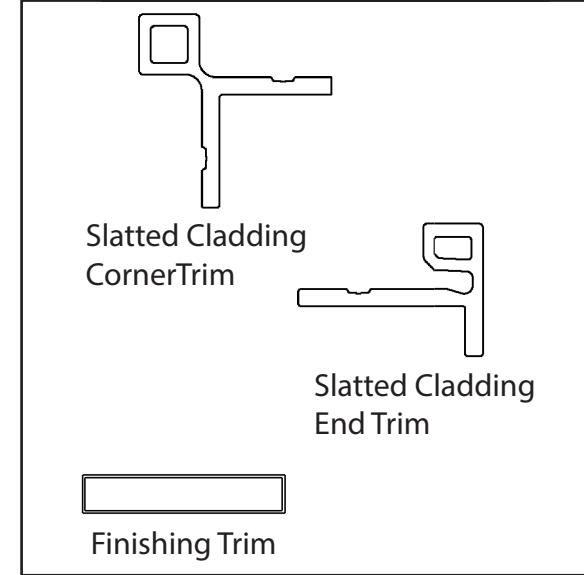
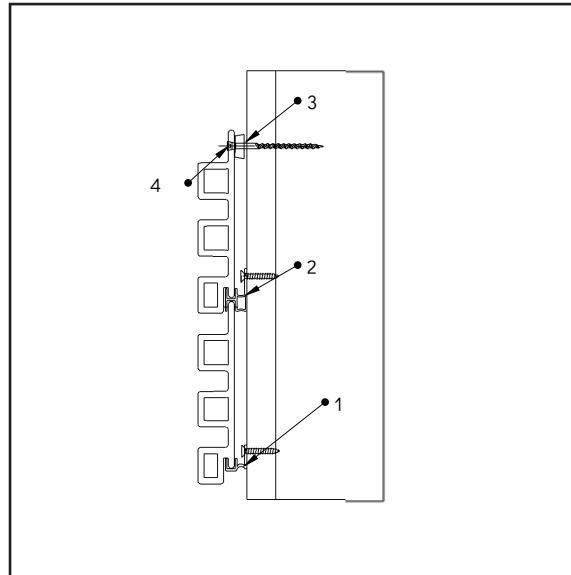
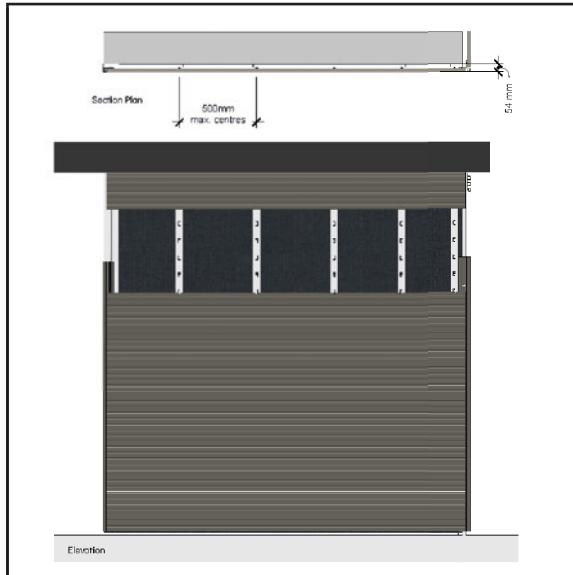


### UV Stable with Colour Fade Warranty

All our Forma products (including Panel Cladding) are fade resistant. Although not entirely fade proof, our cladding has been extensively tested - including artificial weathering test - and we offer a warranty against fading due to weathering due to light exposure and weathering in excess of ' $\Delta E=5$ ' on the Hunter scale.

## Working Specification - Slatted Cladding

Drawings below show a typical installation detail for Ecoscape UK slatted cladding, including maximum substructure centres, depiction of our hidden clips systems, and trims.



Ecoscape UK Composite cladding boards must be supported by a substructure placed at 500mm centres. For further information, please see Ecoscape Cladding Installation Guide at [www.ecoscapeuk.co.uk](http://www.ecoscapeuk.co.uk)

Ecoscape UK cladding should always be used with Ecoscape UK aluminium hidden clips system:

1. Starter Bar
2. Cladding Clip
3. Plastic Pad
4. Colour-coded screw

Ecoscape UK comes with a choice of trim profiles - including an end trim, and corner trim for external corners, and a versatile finishing trim, whilst no trim is needed for internal corners to ensure that you always get a neat finish for your project.

## Specification Table

Property	Test Method	Test Result	Test Requirements	Verdict	Property	Test Method	Test Result	Test Requirements	Verdict	
Appearance	EN 15534-1:2014 Section 6.1 EN 15534-4:2014 Section 4.3	None of visible difference which was compared to control sample.		Pass	Moisture resistance under cyclic test conditions	EN 15534-1:2014 Section 8.3.2 EN 15534-4:2014 Section 4.5.5	Original MOR: 31.9 MPa After exposure, Mean MOR: 29.6 MPa Deflection at 250N: Mean: 1.96 mm Max.: 2.02 mm	Deflection under load at 250N Mean $\leq$ 6.0mm (Test span was at 500mm)	Pass	
Linear Mass	EN 15534-1:2014 Section 6.5 EN 15534-4:2014 Section 4.4	Mean: 1788 g/m Max: 1819 g/m Min: 1748 g/m	Individual values $\geq$ 95% declared value by the manufacturer.	N/A				Water Absorption in weight:		
Dimensions	EN 15534-1:2014 Section 6.6 EN 15534-4:2014 Section 4.4	Average Width: 121.02mm Average thickness: 25.14 mm Average Length: 1001mm Max. deviation from straightness in flatwise: 0.1mm Max. deviation from straightness in edgewise: 0.05mm Max. Capping: 1.4mm	Individual values	N/A	Boiling Test	EN 15534-1:2014 Section 8.3.3 EN 15534-4:2014 Section 4.5.5	Water absorption in weight: Mean: 1.57% Max.: 1.77%	Mean $\leq$ 7% Max. $\leq$ 9%	Pass	
Falling mass impact resistance	EN 15534-1:2014 Annex A EN 15534-4:2014 Section 4.5.1	Max. Crack length (mm): No crack Max. Residual Indentation (mm): 0.12	None of 10 test specimens shall show a failure with a crack length $\geq$ 10 mm or a depth of residual indentation $\geq$ 0.5 mm.	Pass	Linear thermal expansion coefficient	EN 15534-1:2014 Section 9.2 EN 15534-4:2014 Section 4.5.6 ISO 11359-2:1999	Mean: Longitudinal direction: $\leq 50 \times 10^{-6}$ K-1	$\leq 50 \times 10^{-6}$ K-1	N/A	
Flexural properties	EN 15534-1:2014 Annex A EN 15534-4:2014 Section 4.5.2	Ave. Bending Strength: 31.9 MPa Modulus of Elasticity in bending: 4725 MPa Specified span: 500mm Testing Speed: 18.5mm	Deflection under a load of 250 N Mean $\leq$ 5.0 mm	Pass	Heat Reversion	EN 15534-1:2014 Section 9.3 EN 15534-4:2014 Section 4.5.7 EN 479:2018	Test Temperature: 100°C Mean: 0.07%			
Creep behaviour	EN 15534-1:2014 Section 7.4.1 EN 15534-4:2014 Section 4.5.3	Span: 400 mm Mean $\Delta S$ : 2.97 mm Max. $\Delta S$ : 3.03 mm Mean $\Delta S_r$ : 1.81 mm	Known span in use Mean $\Delta S$ $\leq$ 10 mm Max. $\Delta S$ $\leq$ 13 mm Mean $\Delta S_r$ $\leq$ 5 mm	Pass	Heat build-up	EN 15534-1:2014 Section 9.4 EN 15534-4:2014 Section 4.5.7	Set temperature rise for use in horizontal position: 41 °C Actual temperature rise for black control specimen: 39.6 °C Temperature of test specimen: 34.4 °C Predicted heat build-up $\Delta T$ : -5.2°C	Test condition: ambient air temperature $23 \pm 2$ °C		
Resistance to artificial weathering	EN 15534-1:2014 Section 8.1 EN 15534-4:2014 Section 4.5.5 ISO 4892-2: 2013, cycle 1	$\Delta L^*$ = 2.42, $\Delta a^*$ = 0.70, $\Delta b^*$ = 1.44 $\Delta E^*$ = 3.54 Grey scale = 3	$\Delta L^*$ , $\Delta a^*$ and $\Delta b^*$ shall be declared	N/A	Resistance to indentation	EN 15534-1:2014 Section 7.5 EN 15534-4:2014 Section 4.5.7	Brinell hardness: 69 MPa Rate of elastic recovery: 53 %	Indenter: a hardened steel spherical body with diameter of 10 mm Test load: Additional load of 2000N with preload of 20N Indentation time: (25 $\pm$ 5) s Recovery time: at least 24h		
Swelling and water absorption (28 days immersion)	EN 15534-1:2014 Section 8.3.1 EN 15534-4:2014 Section 4.5.5	Mean Swelling: 0.41% in thickness ; 0.36% in width; 023% length Max. Swelling: 0.60% in thickness; 0.43% in width; 0.29% in length Water Absorption Mean: 2.71% Max.: 2.91%	Mean Swelling: $\leq$ 4% in thickness ; $\leq$ 0.8% in width; $\leq$ 0.4% length Max. Swelling: $\leq$ 5% in thickness; $\leq$ 1.2% in width; $\leq$ 0.4% in length Water Absorption Mean: $\leq$ 7% Max.: $\leq$ 9%				After 300h exposure:			
Fungi Resistance Test	ISO 16869: 2008	Rating 1: The material is partially protected against fungal attack or generally not susceptible to such attack	Test conditions: 21 days, Humidity: 85%RH, Temperature: 25°C		Neutral salt spray test	EN 15534-1:2014 Section 8.6 ISO 9227:2017 EN 15534-4:2014 Section 4.5.7	$\Delta L^*$ = -0.94, $\Delta a^*$ = 0.70, $\Delta b^*$ = 0.19 $\Delta E^*$ = 1.2 Grey scale = 4-5	300 hours exposure time		
					Fire Resistance		Standard Option	FR-Rated Option	For more information, please contact Ecoscape specifications team	
						EN 13501-1:2018	Classification: D-s1, d0	Classification: B-s2, d0		
					Screw withdrawal	EN 15534-1:2014 Section 7.6 EN 13446:2002 EN15534-5:2014 Section 4.5.6	Withdrawal capacity: 27.5 N/mm <sup>2</sup>			
					Pull through resistance	EN 15534-1:2014 Section 7.7 EN 1383:2016 EN 15534-5:2014 Section 4.5.6	Pull through parameter: 16.6 N/mm <sup>2</sup>	Test screw of 7.5mm diameter head was used		