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FORMA® COMPOSITE PANEL CLADDING

November 2026

Specification Guide



Forma Panel Cladding

Forma panel cladding is a long-lasting, low maintenance alternative to timber for exterior projects, from home renovations and new build apartments to sunrooms and contemporary garden rooms.

Part of the capped Forma range, it has the look of natural wood cladding with no need to paint, stain or oil, and is backed by a 25 year warranty. It can be installed vertically or horizontally and is available in 7 colours.

PRODUCT CODES



Length	Midnight	Argent	Flint	Silver Birch	Natural Oak	Spiced Oak	Havana
3.6m	ECO3600MD	ECO3600AG	ECO3600FL	ECO3600SB	ECO3600NO	ECO3600SO	ECO3600HA



DETAILS

LENGTH	3600mm
WIDTH	142mm (132mm face)
DEPTH	13mm
WEIGHT	2.23kg p/lm
MATERIAL	2nd generation co-extruded WPC
FINISH	Brushed
WARRANTY	25 years



Forma Cladding Benefits

Made from 55% wood fibres and 45% HDPE, Forma cladding is a durable alternative to traditional timber, with no need for painting or sealing. Its hard-wearing composite construction resists rot, splintering, scratches and stains, while retaining its colour over time.

- 25 YEAR WARRANTY
- LOW MAINTENANCE
- FAST, EASY INSTALL
- UV STABLE
- HIDDEN FIXINGS





COLOUR FADE, ARTIFICIAL WEATHERING

Havana board surface, before and after accelerated testing



BEFORE AFTER

ΔE* 1.60

Measured after 2,000 hours of artificial weathering (ISO 4892-2, cycle 1). After board shown with the measured shift.

Sustainable Choice

Ecoscape wood plastic composite (WPC) is made from recycled HDPE plastic and reclaimed wood fibre from sustainable timber manufacturing.

Each year, our products incorporate an average of 4,401 tonnes of recycled HDPE plastic, diverting waste from landfill and giving it a new life as durable external building products.

Choosing Ecoscape helps make better use of reclaimed materials while creating durable products for a more sustainable future.

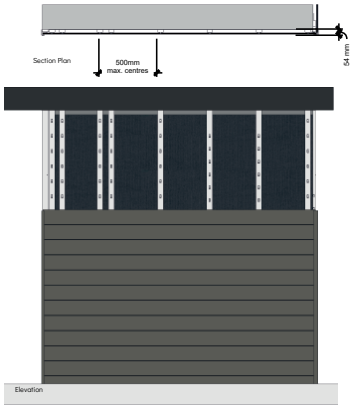
UV Stable with Colour Fade Warranty

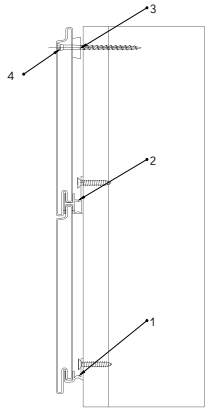
Like all Forma products, Forma panel cladding is fade resistant. While no cladding is entirely fade proof, ours has been extensively tested, including artificial weathering, and we offer a warranty against fading from light exposure and weathering in excess of ΔE=5 on the Hunter scale.

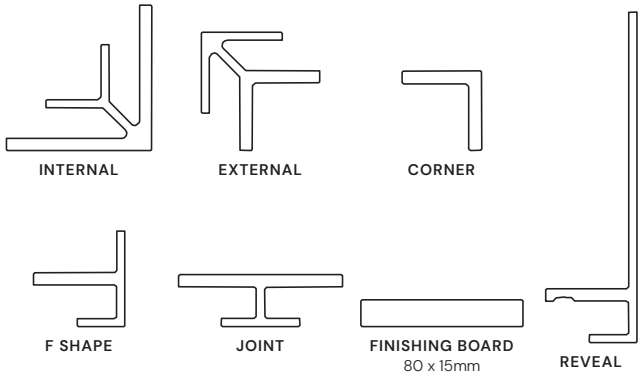
The example shows **Forma** Havana **Panel Cladding** before and after accelerated testing.

Working Specification - Panel Cladding

The drawings below show a typical substructure detail for Ecoscape composite cladding, fixed to plastic, aluminium or timber battens. Forma cladding boards must be supported by a substructure at 500mm centres.







1: Starter Bar

2: Cladding Clip

3: Plastic Pad

4: Colour-coded Screw

Forma cladding should always be used with Ecoscape's aluminium hidden clip system.

Our range of trim profiles, including an end trim, external and internal corners and a versatile finishing board, gives a neat finish to every project.

For further information, please see Ecoscape's Cladding Installation Guide on www.ecoscape.co.uk

Property	Test Method	Test Result	Test Requirements	Verdict
Appearance	EN 15534-1:2014 Section 6.1	None of visible difference which was compared to control sample.		Pass
Linear Mass	EN 15534-1:2014 Section 6.5	Mean: 1951 g/m	Individual values≥95% declared value by the manufacturer.	N/A
Dimensions	EN 15534-1:2014 Section 6.6	Average Width: 141.30mm Average thickness: 13.20 mm Average Length: 1000mm Average deviation from straightness: 0.33mm Average cupping: 0.22mm	Individual values	N/A
Falling mass impact resistance	EN 15534-1:2014 Annex A	Max. Crack length (mm): No crack Max. Residual Indentation (mm): 0.09	None of 10 test specimens shall show a failure with a crack length ≥ 10 mm or a depth of residual indentation ≥ 0,5 mm.	Pass
Flexural properties	EN 15534-1:2014 Annex A Specified span: 300mm Testing Speed: 18.5mm	Ave. Bending Strength: 31.9 MPa Modulus of Elasticity in bending: 3993 MPa Deflection at 250 N: Mean: 1.93 mm Max. 2.02 mm	-Deflection under a load of 250 N Mean ≤ 5.0 mm	Pass
Creep behaviour	EN 15534-1:2014 Section 7.4.1	Span: 400 mm Mean ΔS: 2.97 mm Max. ΔS: 3.03 mm Mean ΔSr: 1.81 mm	Known span in use Mean ΔS ≤ 10 mm Max. ΔS ≤ 13 mm Mean ΔSr ≤ 5 mm	Pass
Resistance to artificial weathering	EN 15534-1:2014 Section 8.1 ISO 4892-2: 2013, cycle 1	After 2000h exposure: ΔL* = -1.45, Δa* = 0.38, Δb* = 0.57 ΔE* = 1.60 Grey scale = 4	ΔL*, Δa* and Δb* shall be declared	N/A
Swelling and water absorption (28 days immersion)	EN 15534-1:2014 Section 8.3.1	Mean Swelling: 0.41% in thickness ; 0.36% in width; 0.23% 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: ≤4% in thickness ; ≤0.8% in width; ≤0.4% length Max. Swelling: ≤5% in thickness; ≤1.2% in width; ≤0.4% in length Water Absorption Mean: ≤7% Max.: ≤9%	Pass
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	

Property	Test Method	Test Result	Test Requirements	Verdict
Moisture resistance under cyclic test conditions	EN 15534-1:2014 Section 8.3.2	Original MOR: 31.9 MPa After exposure, Mean MOR: 29.6MPa Deflection at 250N: Mean: 1.96 mm Max.: 2.02 mm	Deflection under load at 250N Mean ≤ 6.0mm (Test span was at 500mm)	Pass
Boiling Test	EN 15534-1:2014 Section 8.3.3	Water absorption in weight: Mean: 1.57 % Max.: 1.77 %	Water Absorption in weight: Mean ≤ 7 % Max. ≤ 9 %	Pass
Linear thermal expansion coefficient	EN 15534-1:2014 Section 9.2 ISO 11359-2:1999	Mean: Longitudinal direction: 46.0 ×10-6 K-1	≤ 50×10-6 K-1	N/A
Heat Reversion	EN 15534-1:2014 Section 9.3 EN 479:2018	Test Temperature: 100°C Mean: 0.07 %		
Heat build-up	EN 15534-1:2014 Section 9.4	Set temperature rise for use in horizontal position: 41 °C Actual temperature rise for black control specimen: 41.7 °C	Test condition: ambient air temperature 23 ± 2 °C	
Resistance to indentation	EN 15534-1:2014 Section 7.5	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 ± 5) s Recovery time: at least 24h	
Neutral salt spray test	EN 15534-1:2014 Section 8.6 ISO 9227:2017	After 300h exposure: ΔL* = -0.94, Δa* = 0.70, Δb* = 0.19 ΔE* = 1.2 Grey scale = 4-5	300 hours exposure time	
Fire Resistance	EN 13501-1:2018	Classification: D-s1, 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/mm²		
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/mm²	Test screw of 7.5mm diameter head was used	

Disclaimer

At Ecoscape, we take care to ensure the information in this document is accurate at the time of publication and provided in good faith to support your project.

To continuously improve our products, we reserve the right to update specifications, dimensions, colours, finishes, performance data and installation guidelines without prior notice. Visuals, including images, illustrations and drawings, are for guidance only. Nominal dimensions and weights are subject to standard manufacturing tolerances. Natural variations in colour, tone, grain pattern and surface texture are inherent characteristics of Forma Panel Cladding and may vary between individual boards and production batches.

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