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# FORMA® COMPOSITE SLATTED CLADDING

November 2026

## Specification Guide



## Forma Slatted Cladding

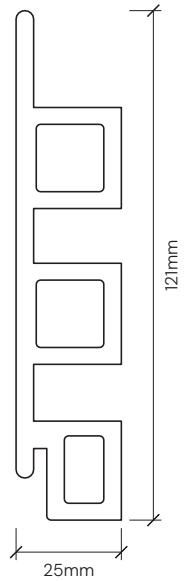
Forma slatted cladding is a long-lasting, low maintenance alternative to timber for exterior projects, from home renovations and new build apartments to sunrooms and contemporary garden rooms.

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. Available in 7 colours.

### PRODUCT CODES



| Length | Midnight | Argent | Silver Birch | Spiced Oak | Natural Oak | Light Oak | Havana |
|---|---|---|---|---|---|---|---|
| 2.5m | ECOSLAT25MD | ECOSLAT25AR | ECOSLAT25SB | ECOSLAT25SO | ECOSLAT25NO | ECOSLAT25LO | ECOSLAT25HA |
| 3.6m | ECOSLATMD | ECOSLATAR | ECOSLATSB | ECOSLATSO | ECOSLATNO | ECOSLATLO | ECOSLATHA |




### DETAILS

| | |
|---|---|
| LENGTH | 2500mm / 3600mm |
| WIDTH | 121mm (112mm face |
| DEPTH | 25mm |
| WEIGHT | 1.82kg p/lm |
| MATERIAL | Wood plastic composite |
| FINISH | Brushed, slatted face with 24mm battens |
| 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* 2.90**

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.

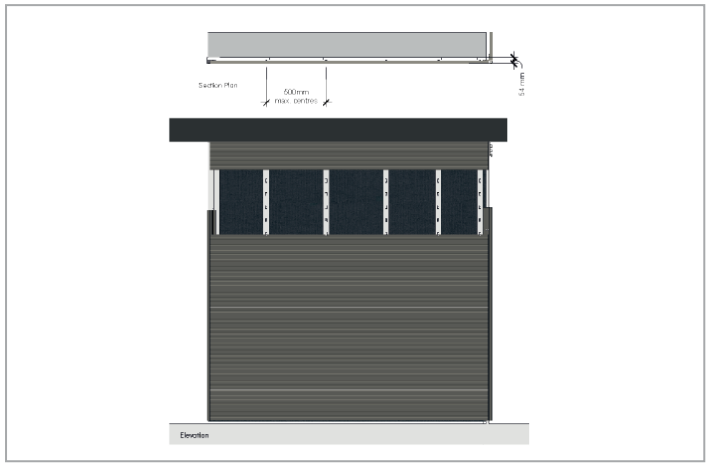
## UV Stable with Colour Fade Warranty

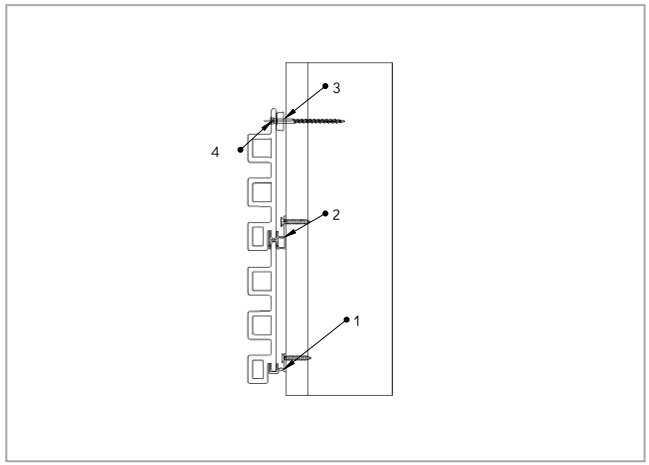
Like all Forma products, Forma Slatted Cladding is fade resistant. While no cladding is entirely fade proof, ours has been extensively tested, including artificial weathering, and we offer a warranty against fading from light exposure and weathering in excess of ΔE=5 on the Hunter scale.

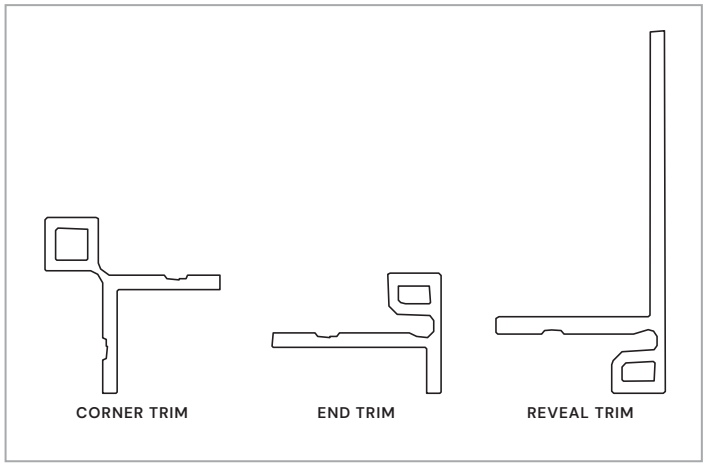
The example shows Forma Havana Slatted Cladding before and after accelerated testing.

## Working Specification - Slatted 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 wascompared to control sample. | | Pass |
| Linear Mass | EN 15534-1:2014 Section 6.5 | Mean: 1788 g/m<br>Max.: 1819 g/m<br>Min.: 1748 g/m | Individual values≥95% declared value by the manufacturer. | N/A |
| Dimensions | EN 15534-1:2014 Section 6.6 | Average Width: 121.02mm<br>Average thickness: 25.14 mm<br>Average Length: 1001mm<br>Max. deviation from straightness in flatwise: 0.1mm<br>Max. deviation from straightness in edgewise: 0.05mm<br>Max. Cupping: 1.4mm | Individual values | N/A |
| Falling mass impact resistance | EN 15534-1:2014 Annex A | Max. Crack length (mm): No crack<br><br>Max. Residual Indentation (mm): 0.12 | 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<br><br>Specified span: 500mm<br>Testing Speed: 18.5mm | Ave. Bending Strength: 31.9 MPa<br>Modulus of Elasticity in bending: 4725 MPa<br><br>Deflection at 250 N:<br>Mean: 1.45 mm<br>Max. 1.73 mm | -Deflection under a load of 250 N<br>Mean ≤ 5.0 mm | Pass |
| Creep behaviour | EN 15534-1:2014 Section 7.4.1 | Span: 400 mm<br>Mean ΔS: 2.97 mm<br>Max. ΔS: 3.03 mm<br>Mean ΔSr: 1.81 mm | Known span in use<br>Mean ΔS ≤ 10 mm<br>Max. ΔS ≤ 13 mm<br>Mean ΔSr ≤ 5 mm | Pass |
| Resistance to artificial weathering | EN 15534-1:2014 Section 8.1<br><br>ISO 4892-2: 2013, cycle 1 | After 2000h exposure:<br><br>ΔL* = 2.42,<br>Δa* = 0.70,<br>Δb* = 1.44<br>ΔE* = 2.90<br><br>Grey scale = 3 | 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:<br>0.41% in thickness ; 0.36% in width; 0.23% length<br>Max. Swelling:<br>0.60% in thickness; 0.43% in width; 0.29% in length<br>Water Absorption<br>Mean: 2.71%<br>Max.: 2.91% | Mean Swelling:<br>≤4% in thickness ; ≤0.8% in width; ≤0.4% length<br>Max. Swelling:<br>≤5% in thickness; ≤1.2% in width; ≤0.4% in length<br>Water Absorption<br>Mean: ≤7%<br>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<br>After exposure,<br>Mean MOR: 29.6MPa<br>Deflection at 250N:<br>Mean: 1.96 mm<br>Max.: 2.02 mm | Deflection under load at 250N<br>Mean ≤ 6.0mm<br>(Test span was at 500mm) | Pass |
| Boiling Test | EN 15534-1:2014 Section 8.3.3 | Water absorption in weight:<br>Mean: 1.57 %<br>Max.: 1.77 % | Water Absorption in weight:<br><br>Mean ≤ 7 %<br>Max. ≤ 9 % | Pass |
| Linear thermal expansion coefficient | EN 15534-1:2014 Section 9.2<br><br>ISO 11359-2:1999 | Mean:<br><br>Longitudinal direction:<br><br>46.0 ×10-6 K-1 | ≤ 50×10-6 K-1 | N/A |
| Heat Reversion | EN 15534-1:2014 Section 9.3<br><br>EN 479:2018 | Test Temperature: 100°C<br><br>Mean: 0.07 % | | |
| Heat build-up | EN 15534-1:2014 Section 9.4 | Set temperature rise for use in horizontal position: 41 °C<br>Actual temperature rise for black control specimen: 39.6 °C<br>Temperature of test specimen: 34.4 °C<br>Predicted heat build-up ΔT: -5.2°C | Test condition: ambient air temperature 23 ± 2 °C | |
| Resistance to indentation | EN 15534-1:2014 Section 7.5 | Brinell hardness: 69 MPa<br>Rate of elastic recovery: 53 % | Indenter: a hardened steel spherical body with diameter of 10 mm<br>Test load: Additional load of 2000N with preload of 20N<br>Indentation time: (25 ± 5) s<br>Recovery time: at least 24h | |
| Neutral salt spray test | EN 15534-1:2014 Section 8.6 ISO 9227:2017 | After 300h exposure:<br><br>ΔL* = -0.94,<br>Δa* = 0.70,<br>Δb* = 0.19<br>ΔE* = 1.2<br><br>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<br>EN 13446:2002<br>EN15534-5:2014 Section 4.5.6 | Withdrawal capacity: 27.5 N/mm² | | |
| Pull through resistance | EN 15534-1:2014 Section 7.7<br>EN 1383:2016<br>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 Slatted Cladding and may vary between individual boards and production batches.

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