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FORMA® CLICK – COMPOSITE CLADDING FOR GRAD®

November 2026

Specification Guide



PRODUCT CODES







Size	Dimensions (mm)	Silver Birch	Natural Oak	Dark Oak	Argent	Charred Wood
Small	20 x 45 x 2500	ECOGDAS25SB	ECOGDAS25NO	ECOGDAS25DO	ECOGDAS25AR	ECOGDAS25CW
	20 x 45 x 3600	ECOGDAS36SB	ECOGDAS36NO	ECOGDAS36DO	ECOGDAS36AR	ECOGDAS36CW
Medium	20 x 64 x 2500	ECOGDAM25SB	ECOGDAM25NO	ECOGDAM25DO	ECOGDAM25AR	ECOGDAM25CW
	20 x 64 x 3600	ECOGDAM36SB	ECOGDAM36NO	ECOGDAM36DO	ECOGDAM36AR	ECOGDAM36CW
Large	20 x 119 x 2500	ECOGDAL25SB	ECOGDAL25NO	ECOGDAL25DO	ECOGDAL25AR	ECOGDAL25CW
	20 x 119 x 3600	ECOGDAL36SB	ECOGDAL36NO	ECOGDAL36DO	ECOGDAL36AR	ECOGDAL36CW

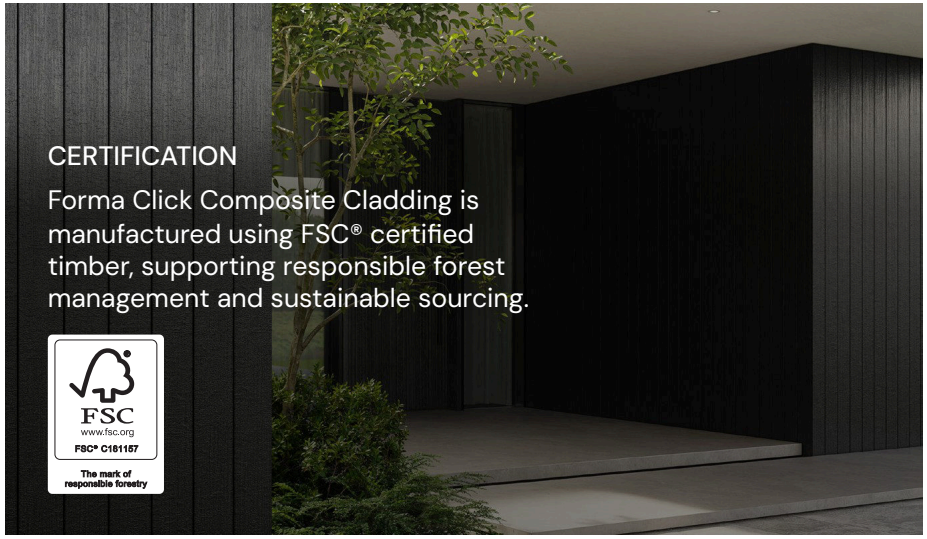
Forma Click - Composite Cladding Boards

This document provides specification information for Forma Click composite cladding boards, which are part of the Forma Click cladding system for Grad® from Ecoscape.

Forma Click is a rapid-install, open-joint composite cladding system designed to integrate seamlessly with Grad aluminium rails. The rails form the supporting substructure and feature factory-fitted clips that securely fix the Forma Click boards from the rear, creating a concealed fixing system.

Designed to reduce installation time by up to 50%, the system ensures fast, accurate alignment and a clean, professional finish.

Combining durable aluminium rails with high-quality composite cladding boards, the Forma Click system offers exceptional longevity, minimal maintenance requirements, and a premium contemporary appearance. It is suitable for a wide range of residential and commercial façade applications.



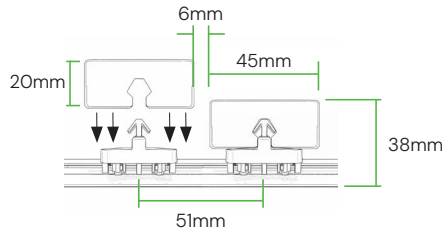
BOARD DETAILS

Forma Click Wood Plastic Composite (WPC) cladding boards are made from 95% recycled materials, of which 55% is reclaimed wood fibres and 45% recycled plastic. Manufactured using advanced co-extrusion technology, they feature a highly durable outer layer with HDPE capping, incorporating virgin plastic to deliver a premium dual-sided finish with a refined brushed wood grain texture.

The reverse of the board is designed with a precision-engineered groove, allowing it to securely click into Grad's aluminium rail and clip system for a clean, efficient installation.

Small





Width: 45mm

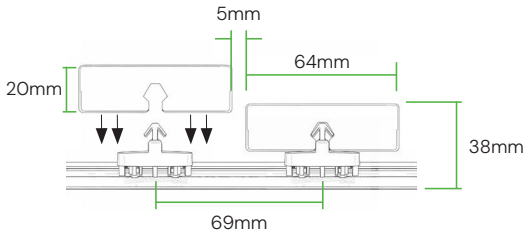
Thickness: 20mm

Length:
2500mm or 3600mm

Weight:
1.05kg p/lm

Medium





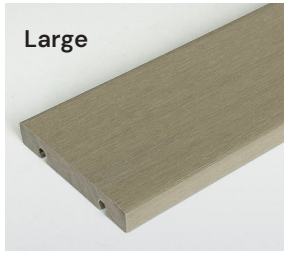
Width: 64mm

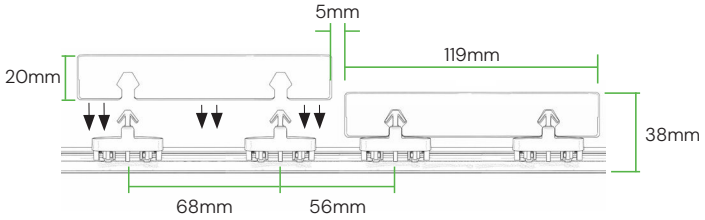
Thickness: 20mm

Length:
2500mm or 3600mm

Weight:
1.53kg p/lm

Large





Width: 119mm

Thickness: 20mm

Length:
2500mm or 3600mm

Weight:
2.84kg p/lm

PRODUCT BENEFITS

Reduce installation time by up to 50%
Forma Click is a composite cladding system developed in collaboration with Grad. It combines the whole life aesthetic appeal, low maintenance and durability of composite material with the precision high speed installation provided by Grad rails. Grad's aluminium rail and clip substructure create a clean, click-in wall covering with no visible fixings.

PREMIUM AESTHETIC

FAST, EASY INSTALL

LOW MAINTENANCE

HIDDEN FIXINGS

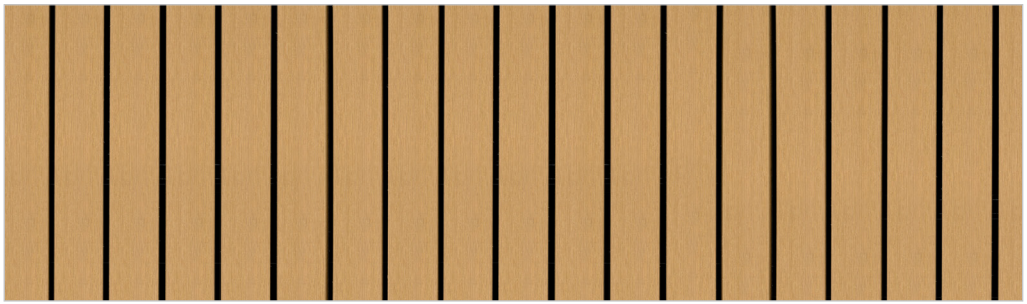
UV STABLE

25 YEAR WARRANTY



CLADDING FACADE STYLES

The Forma Click System supports four different open-cladding facade styles to provide design flexibility. The four styles can be installed horizontally, vertically or diagonally.



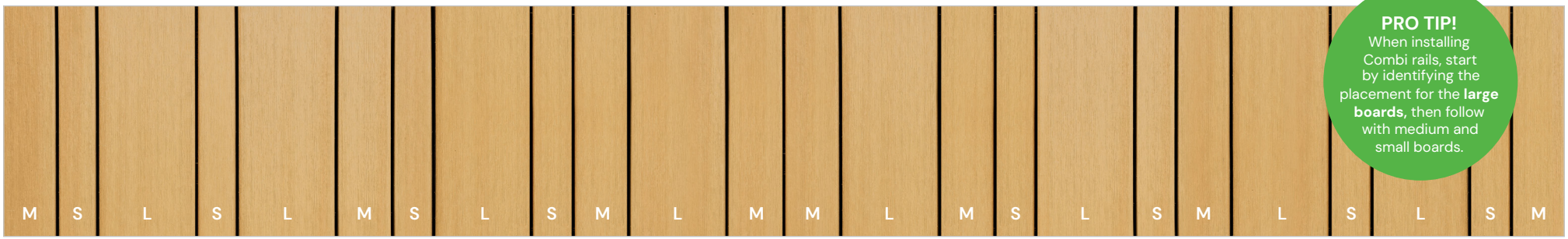
Small boards - 45mm wide boards with 6mm shadow gaps, used with the Small Grad Flat Rail



Medium boards - 64mm wide boards with 5mm shadow gaps, used with the Medium Grad Flat Rail



Large boards - 119mm wide boards with 5mm shadow gaps, used with the Large Grad Flat Rail



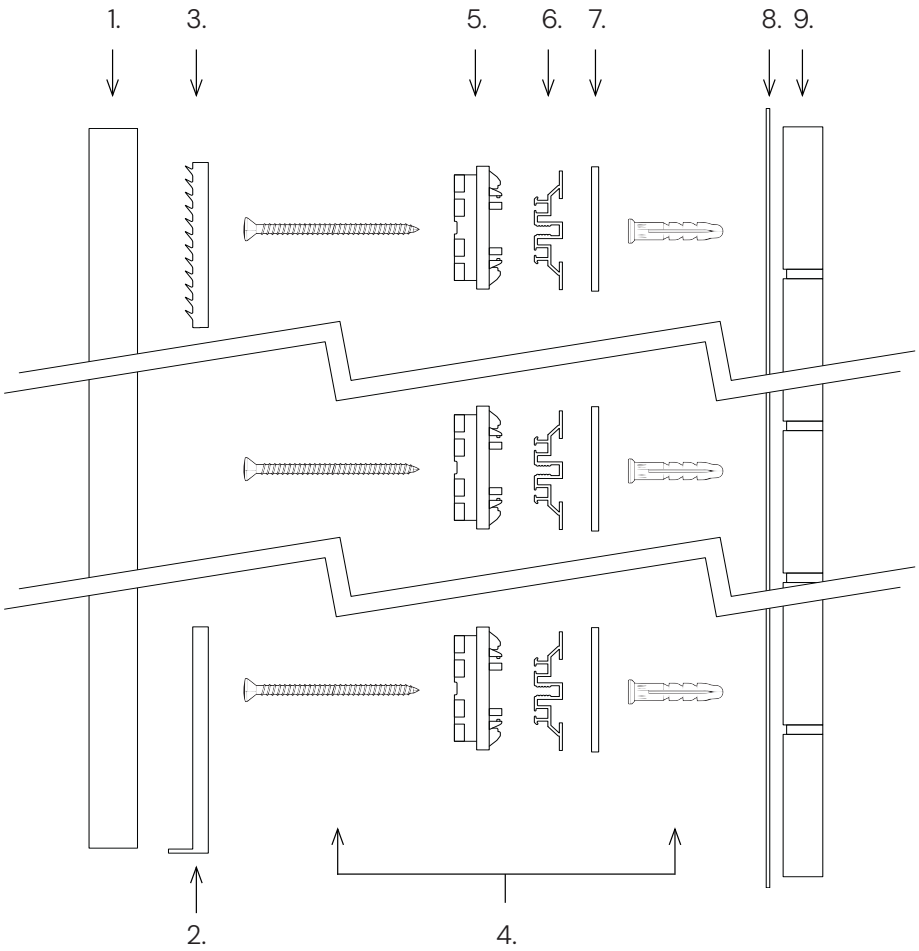
PRO TIP!
When installing Combi rails, start by identifying the placement for the **large boards**, then follow with medium and small boards.

Combi - Mix of all three board sizes following the above sequence, with 6mm shadow gaps. Used with the Combi Grad Flat Rail.

USING FORMA CLICK WITH THE GRAD RAIL AND CLIP SYSTEM

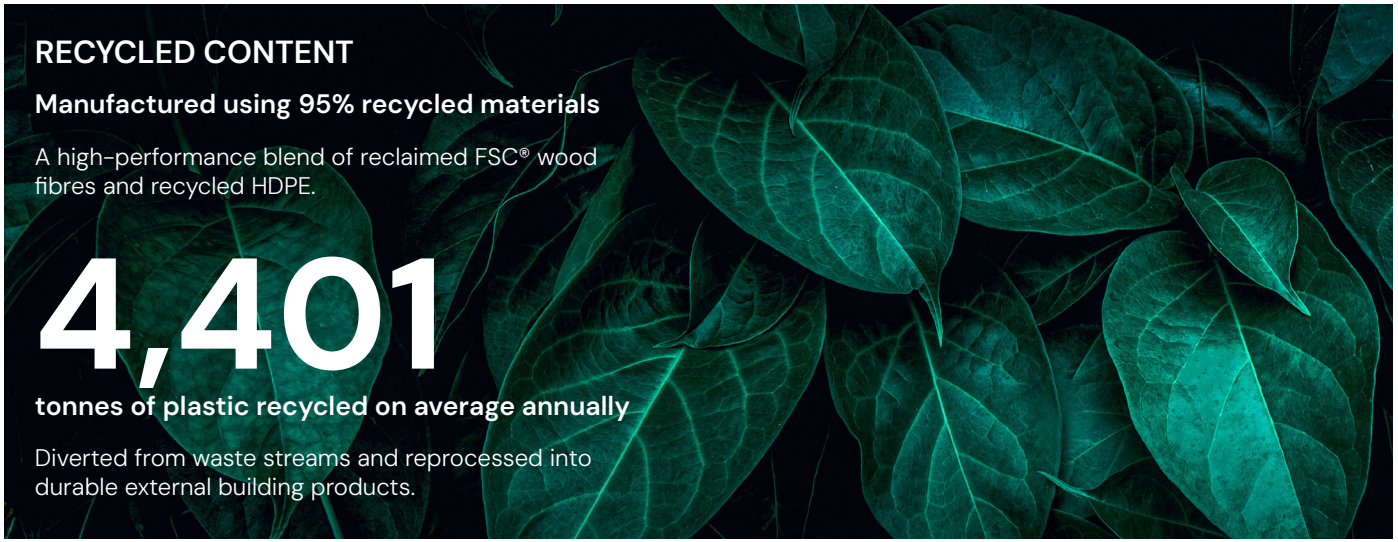
The drawing below shows a typical substructure detail for the Forma Click system.

Please Note: Ecoscape Forma Click cladding boards are to be installed with Grad Rails, providing supports at no more than 500mm centres. Designs must take adequate account of expansion and contraction of the composite boards. As an open cladding system, the wall must be protected with anti-UV waterproof membrane.



1. Forma Click Composite Cladding Board
   (see page 2 for full list of board colours and sizes)
2. Grad Starter Bracket (ECOGDSB) - use when cladding is installed vertically or when additional support is needed.
3. Grad Clip Grip (ECOGDCLG)
4. Select a fixing method suitable for the wall or object that is having the cladding applied.
5. Grad Clip, pre-fitted to the Grad Rail.
6. Grad Aluminium Rail, select the correct rail for the cladding installed:
   - Small (ECOGDRS)
   - Medium (ECOGDRM)
   - Large (ECOGDRL)
   - Combi (ECOGDVA)
7. Grad Tape (ECOGDRBST) - use where fixing surface has minor irregularities of ≤ 3 mm. Apply to the rear of each rail.
8. UV-resistant waterproof membrane with a W1 water penetration rating when new and after weathering (5,000-hour UV test – EN 13859-2).

9. Surface of the wall or object to which the cladding is applied.



WHY SPECIFY ECOSCAPE

Ecoscape is committed to the responsible design, sourcing, and manufacture of high-performance composite decking, cladding, and fencing systems. Sustainability considerations are embedded throughout the product lifecycle, from raw material selection through to long-term in-use performance.

Our composite products are manufactured using an innovative blend of reclaimed FSC® wood fibres and recycled high-density polyethylene (HDPE), achieving up to 95% recycled content. This approach reduces reliance on virgin materials while supporting circular economy principles within the built environment.

Materials are selected not only for their environmental credentials but also for their durability and stability. Ecoscape products are engineered to resist weathering, moisture ingress, and dimensional movement, enabling extended service life with minimal maintenance. This contributes to a reduction in whole-life environmental impact when compared with traditional materials requiring regular treatment or replacement.

ENVIRONMENTAL COMMITMENT

Ecoscape believe in reducing environmental impact through ethical sourcing, responsible manufacturing, and the development of long-life products that support sustainable practices within the construction industry. By prioritising recycled materials and durability, Ecoscape systems actively contribute to lowering lifecycle emissions and reducing material waste across the built environment, helping our customers reduce the environmental impact of their projects and builds.

SUSTAINABILITY & QUALITY CREDENTIALS

Ecoscape operates with a clear focus on environmental responsibility, quality assurance, and regulatory compliance across all areas of the business.

- **Responsible Material Sourcing**
  Raw materials are selected with consideration of provenance, environmental impact, and long-term performance. The use of recycled polymers and reclaimed timber fibres supports waste reduction and resource efficiency.
- **Circular Economy Contribution**
  High levels of recycled content help divert waste from landfill and extend material life cycles within construction applications.
- **Durability & Whole-Life Performance**
  Products are designed for longevity, reducing the need for ongoing maintenance, coatings, or premature replacement.
- **Certified Management Systems**
  - ISO 9001: Quality Management Systems
  - ISO 14001: Environmental Management Systems
  These frameworks ensure consistent quality control, environmental oversight, and continual improvement.
- **Responsible Timber Certification**
  FSC®-certified materials are used where applicable, providing traceability and assurance of responsible forestry practices.
- **Industry Accreditation & Specification Support**
  - Member of the British Association of Landscape Industries (BALI)
  - Listed on NBS for accurate and consistent specification

TEST RESULTS

Property	Test Method	Result	Test Requirements	Verd.
Appearance	EN 15534-1:2014 Section 6.1	None visible difference vs control sample	No visible defects	PASS
Linear Mass				
Dimensions	EN 15534-1:2014 Section 6.6	Small: Mean: Thickness 20mm Width 45mm Length 1000mm; Max. Deviation: Straightness 0.33mm, Cupping 0.22mm Medium: Mean: Thickness 20mm Width 64mm Length 1000mm; Max. Deviation: Straightness 0.33mm, Cupping 0.22mm Large: Mean: Thickness 20mm Width 119mm Length 1000mm; Max. Deviation: Straightness 0.33mm, Cupping 0.22mm	Individual values	N/A
Falling mass impact resistance	EN 15534-1:2014 Annex A	Max. Crack length (mm): No crack Residual indentation: 0.09mm	None of 10 test Specimens shall show a failure with a crack length ≥10mm or a depth of residual indentation ≥0.5 mm.	PASS
Flexural properties				
Creep behaviour	EN 15534-1:2014 Section 7.4.1	Span: 500mm Mean ΔS: 2.97 mm Max. ΔS: 3.03 mm Mean ΔSr: 1.81 mm	Known span in use Mean ΔS ≤10mm Max. ΔS ≤13mm Mean ΔSr ≤5mm	PASS
Artificial weathering	EN 15534-1:2014 Section 8.1	After 2000h exposure: ΔL: 1.45 Δa: 0.38 Δb: 0.57 ΔE: 1.60	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

Property	Test Method	Result	Test Requirements	Verd.
Fungi resistance	ISO 16869:2008	Rating 1: The material is partially protected against fungal attack or generally not susceptible to such attack	21 days, Humidity >85%RH at: 25°C	N/A
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 250 N: Mean 1.96mm Max. 2.02mm	Deflection @250 N: Mean ≤6mm (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	PASS
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: 69MPa 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	ΔL* = -0.94, Δa* = 0.70, Δb* = 0.19 ΔE* = 1.2 Grey scale = 4-5	300 hours exposure time	PASS
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)		

APPLICATIONS

Forma Click composite cladding is a versatile façade system suitable for a wide range of applications, including residential and commercial buildings, garden rooms, and feature walls. It can also be used for screening applications when fixed to a suitable frame. The system is designed primarily for single-sided visual applications and is not intended for use as a two-sided fencing solution, where alternative systems may be more appropriate.

INSTALLATION

Forma Click is installed using a concealed fixing system comprising aluminium Grad rails with factory-fitted clips. The rails are fixed to a suitable substrate (e.g. masonry, timber, or metal framing) and must be aligned parallel and installed perpendicular to the direction of the cladding, typically at centres of up to 500mm. Boards are then clicked into place via rear grooves engaging with the clips, creating a clean, fixing-free finish. Installation requires appropriate expansion gaps, adequate rear ventilation, and the correct use of accessories such as starter brackets and clip grips to ensure stability and long-term performance.

STORAGE AND HANDLING

Materials should be stored under cover in a clean, dry environment and kept flat, fully supported at maximum 500mm centres to prevent distortion. Boards and rails must not be leaned or stored at an angle and should remain strapped until required to maintain stability. During handling, boards should be carried carefully to avoid damage, and installation surfaces must be kept clean, free from debris, and protected from scratching or impact. Improper storage or handling may result in deformation or surface damage.

ACCESSORIES

The system includes a range of dedicated Grad components designed to support installation and performance, including starter brackets, clip grips, rail connectors, angle clips, sliding clips, and removal tools. These accessories ensure correct board alignment, secure fixing, and allow for efficient installation and maintenance. Additional elements such as Grad Tape can be used to accommodate minor substrate irregularities, while compatible trims may be specified to achieve different architectural finishes where required.

FURTHER INFORMATION

Forma Click Installation Guide

Ecoscape Brochure

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