

Shaping Outdoor Living Sustainably



GRINWOOD WPC MATERIAL CO.,LTD.

🌐 grinwood.com
☎ 0086-572-3120233
✉ gw@grinwood.com
📍 Longquanwu Eco-Industrial Zone,
Miaoxi, Huzhou, Zhejiang, 313025, China

WWW.GRINWOOD.COM

CATALOGUE
GRINWOOD[®]
Shaping Outdoor Living Sustainably





BRAND OVERVIEW

Grinwood's manufacturing facility in Zhejiang stands as a modern hub of composite innovation, where advanced extrusion technology and continuous R&D drive the creation of high quality WPC materials. Since its founding in 2010, the factory has grown into a fast moving production center focused on performance, durability and next generation surface technologies. With a clear vision of becoming the preferred

global supplier, the company blends engineering expertise with customer driven innovation to deliver consistent quality across decking, cladding and fencing solutions. Grinwood's commitment to production excellence and material advancement shapes every step of its manufacturing process, ensuring reliable, long lasting composites for markets worldwide.



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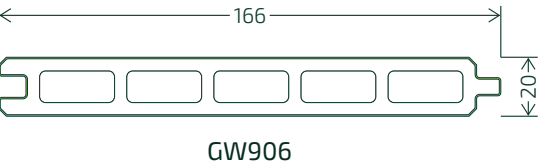
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WPC FENCING



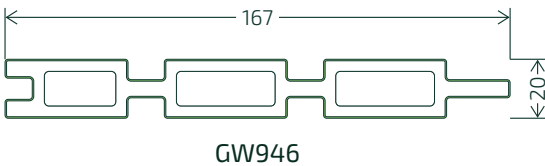
FLAT FENCE PANEL



-  Waterproof
-  UV proof
-  Outdoor use
-  Eco-friendly
-  Easy installation



SHADOW GAP FENCE PANEL



-  Waterproof
-  UV proof
-  Outdoor use
-  Eco-friendly
-  Easy installation

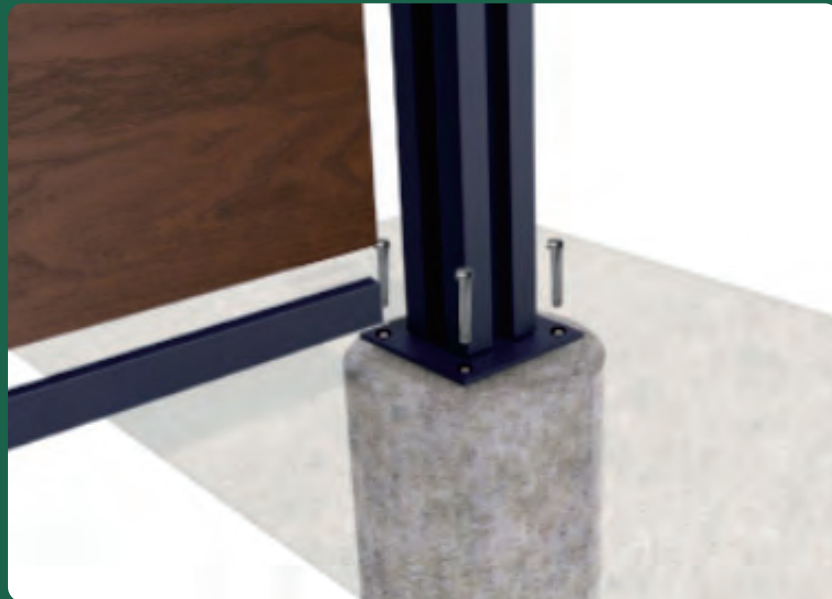


HORIZONTAL FENCE

EASY INSTALLATION

METHOD ONE

SURFACE-MOUNTED ON CONCRETE



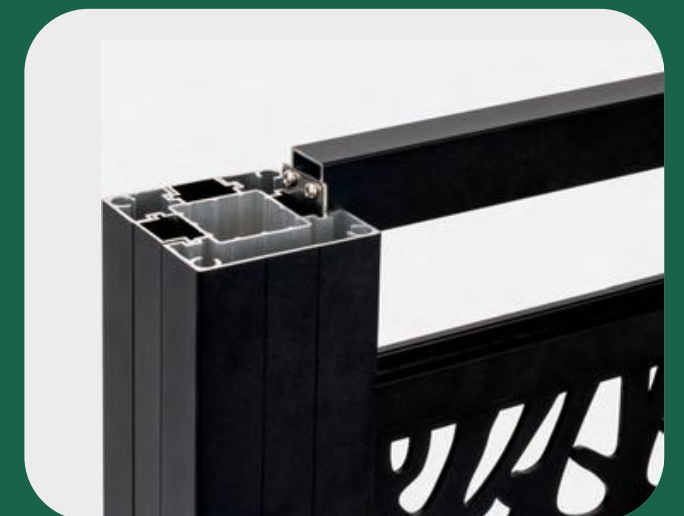
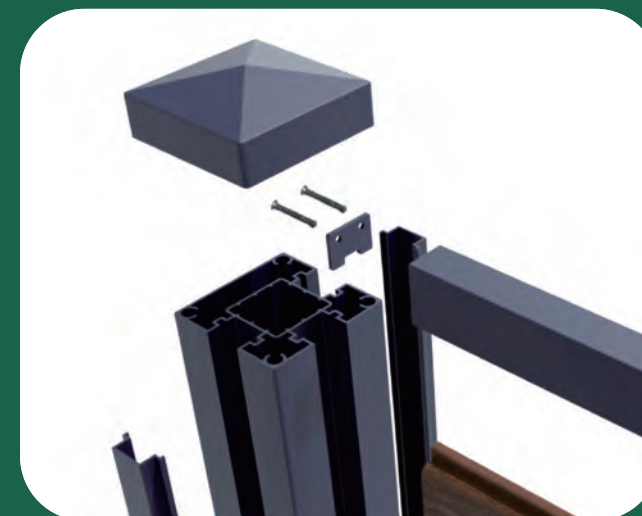
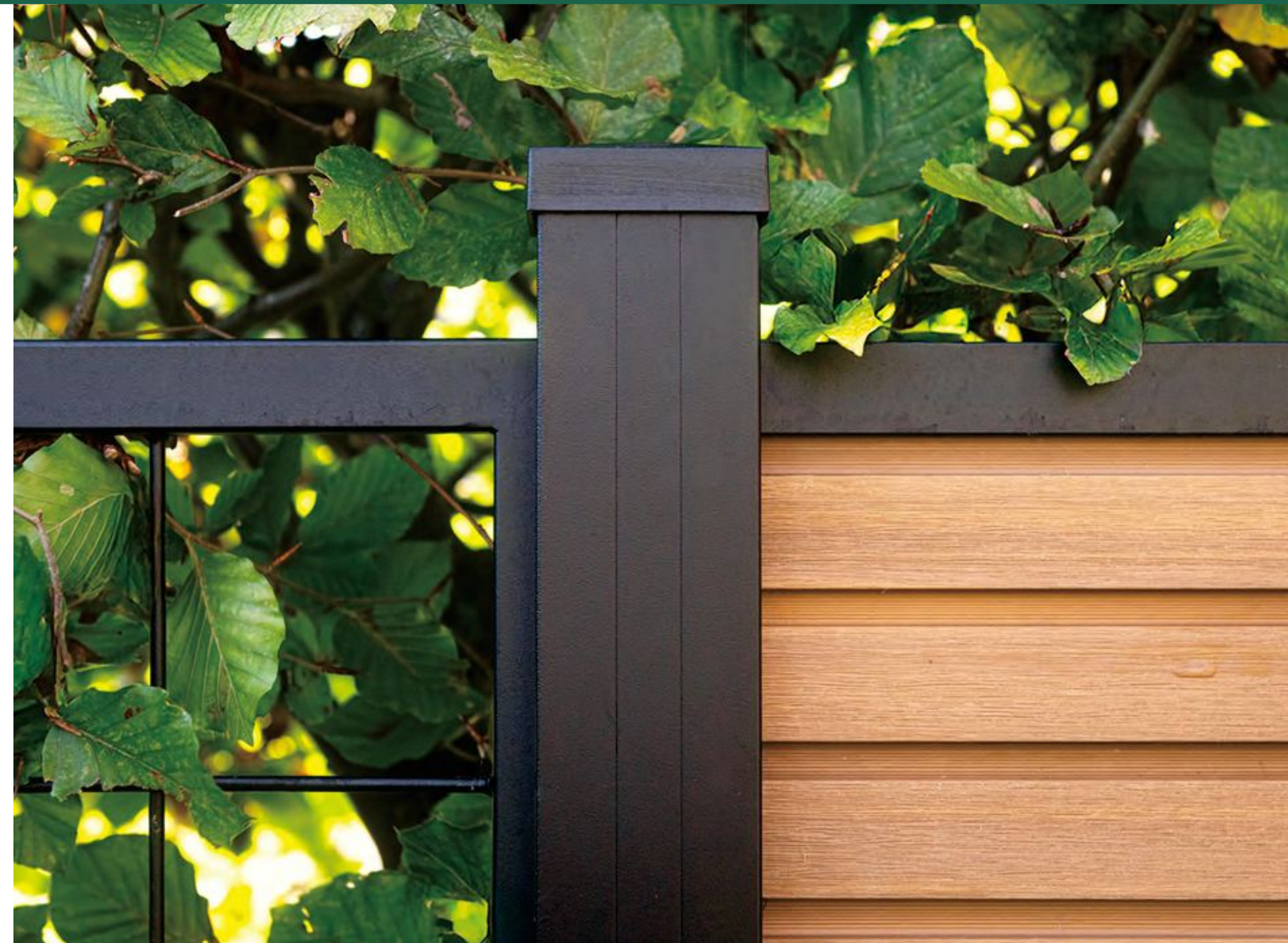
Fix the standard-height post directly onto a solid concrete surface using expansion anchor bolts. No excavation or concrete work is required. Suitable for existing concrete pads, patios and hard standings.

METHOD TWO

EMBEDDED IN CONCRETE



Embed the post 75 cm into the ground and secure it with rapid-setting concrete. The above-ground section remains the standard height. Recommended for soft ground and exposed or windy sites for maximum stability.



PATENTED STRUCTURE
PATENTED NO. ZL 2017 2 0161580.1

WPC FENCING
HORIZONTAL FENCING

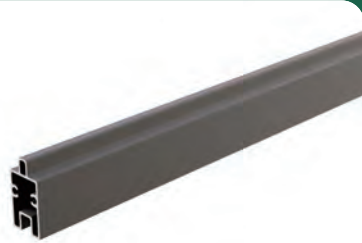
WPC fence panels fitted horizontally between aluminium posts. Tongue-and-groove edges interlock board to board, and aluminium top and bottom covers hold the assembly together with no fixings showing on the face.



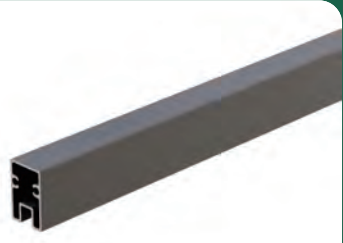
WPC FENCE
ACCESSORIES



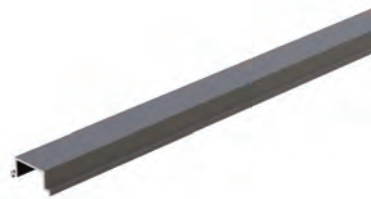
GF001A
ALU. POST



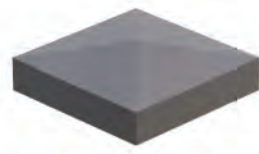
GF003A
ALU. BOTTOM COVER



GF004A
ALU. TOP COVER



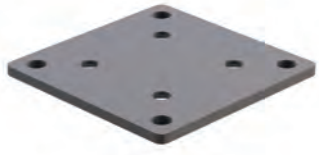
GF007
ALU. SIDE COVER FOR POST



GWA209
ALU. CAPS



GWA-F2&F3
BRACKETS & SCREWS



GWA-F1
BASE PLATE



GFA-F4&F5
SCREWS FOR BASE PLATE



GFA02
PE COVER FOR BASE PLATE

WPC FENCING
VERTICAL FENCING

Vertical WPC fence set between aluminium posts and trimmed with aluminium top and side covers. A clean, fastener-free face with strong upright lines.



WPC FENCE
ACCESSORIES



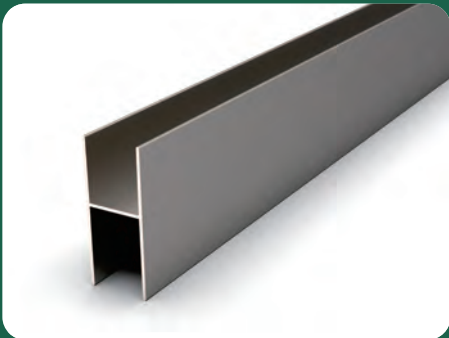
GF001A
ALU. POST



GF004A
ALU. TOP COVER



GF007
ALU. SIDE COVER FOR POST



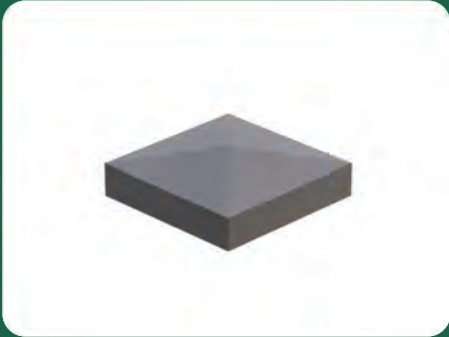
GF017
H COVER FOR VERTICAL FENCE



GF016
SIDE COVER 1 FOR VERTICAL FENCE



GF018
SIDE COVER 2 FOR VERTICAL FENCE



GWA209
ALU. CAPS



GWA-F2&F3
BRACKETS & SCREWS



GWA-F1
BASE PLATE



GFA-F4&F5
SCREWS FOR BASE PLATE



GFA02
PE COVER FOR BASE PLATE



HINGE CONNECTION



GATE HEADER FIXING

A MATCHING GATE FOR EVERY FENCE

A garden gate is the natural finishing point of any fence run. Our gate uses the same aluminium frame and WPC boards as the fencing, giving a uniform look from the first panel to the entrance. The gate is supplied as a complete set — frame, infill boards, hinges, lever handle and euro-profile lock cylinder — ready for installation between two posts. Standard size: 900 × 1800 mm. Bespoke dimensions and designs can be made to order to match specific openings.



GARDEN GATE



HINGE SET



LOCK SET



GF209



GF211



GF007

FENCE OPTIONS

ADJUSTABLE ANGLE POST

TURN ANY CORNER

Standard aluminium posts support fence runs at 90° and 180° only.

The adjustable angle post allows the fence to follow bends, sloping boundaries and non-standard corners without fabricated joints. Two aluminium components are simply added to a standard post.



ADJUSTABLE ANGLE POST

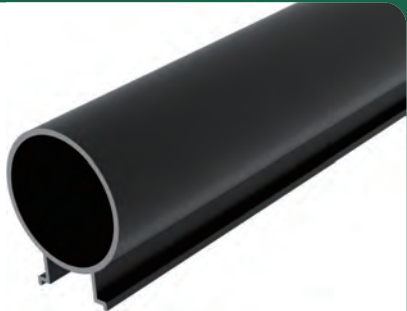
An axis is inserted into the slot of the post, and the pivot slides over it. The pivot will receive the fence board like a normal post. It is possible to achieve the angle up to 360 degrees.



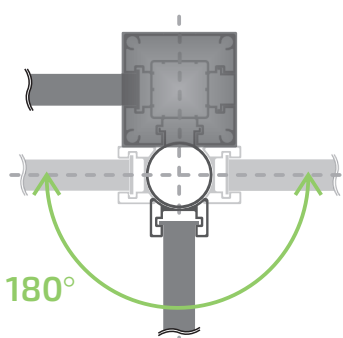
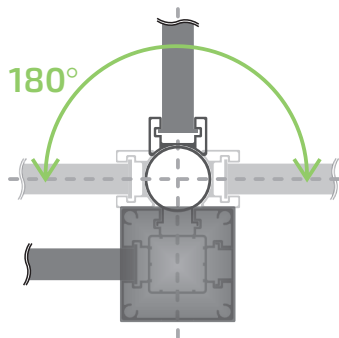
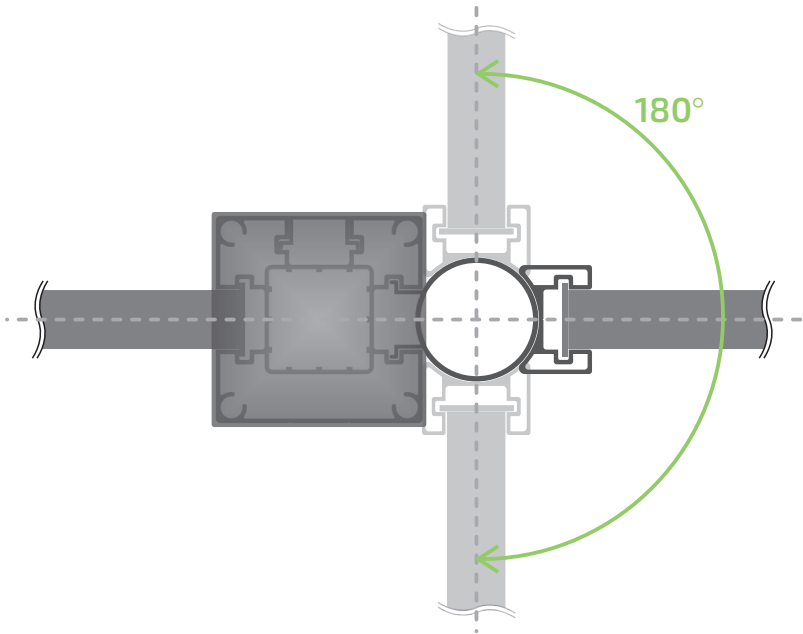
GWA052



GF009



GF008



FENCE OPTIONS

POST DECORATIVE LIGHT



GW-L02

LIGHT BUILT INTO THE FENCE

This LED light is part of the fence system and is installed together with the post, keeping the overall design clean and uncluttered.

Input Voltage	Working Voltage	LED Quantity	Rated Power	Luminous Flux	Optical Angle
AC 110~240V	DC 24V	2 pcs	2 W	139 lm	20×50°



GW-L02



GW-LA02

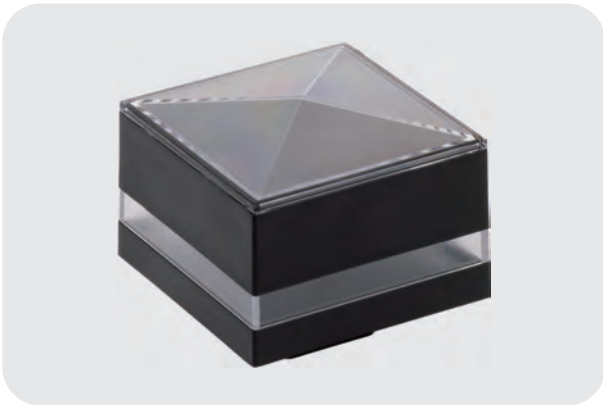


FENCE OPTIONS
POST SOLAR LIGHT

GW-L01

IP65

CE



- LiFePO₄ battery, long lifespan.
- Equipped with dusk sensor.
- Suitable for outdoor use.

POST SOLAR LIGHT





OPEN

The OPEN pattern combines horizontal slats with solid infill boards, allowing light and air through while maintaining screening. A simple, timeless design suited to both modern and traditional settings. Available in horizontal and vertical versions.



HEXAGON

A repeating hexagonal pattern that adds a geometric accent and lets light pass through. It can be fitted between two boards, along the top of a panel, or as a full-screen insert. Available in horizontal and vertical versions.



ARTISTRY

Intersecting lines form an irregular, open pattern that gives the fence a distinctive appearance. The decorative panel is supplied in an aluminium frame and fitted into the posts in the same way as standard infill boards. Available in horizontal and vertical versions.

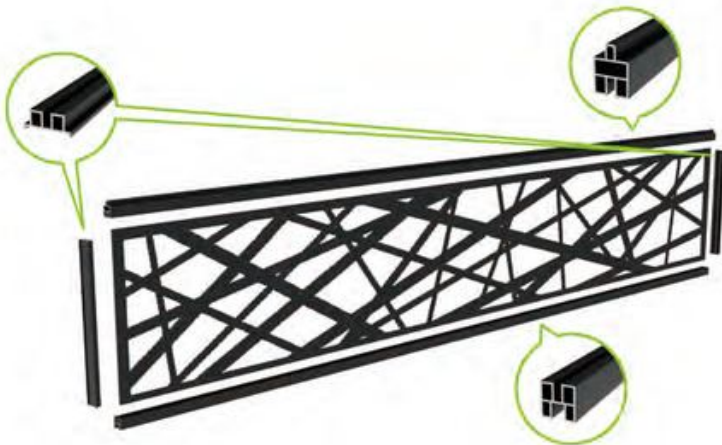


BLOSSOM

A floral cut-out pattern, supplied as a vertical panel only. The integrated aluminium frame allows it to be fitted directly between standard fence posts for a clean, finished edge.

FENCE OPTIONS

ALUMINIUM DECORATIVE PATTERNS



HORIZONTAL STYLE ACCESSORIES



GF202



GF203



GF205



ACCESSORIES VERTICAL STYLE



GF210



GF205



GWA-F2&F3



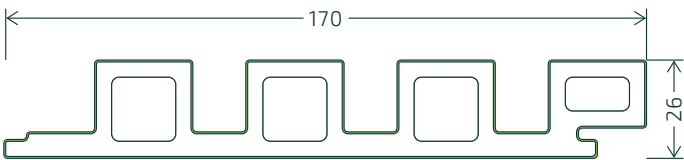
SHADOW GAP CLADDING



SHADOW GAP CLADDING

- 
Waterproof
- 
UV proof
- 
Outdoor use
- 
Eco-friendly
- 
Easy installation

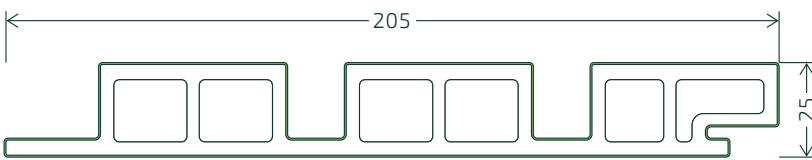
GW908



A compact shadow-gap board with narrow, even ribs. Suits feature walls and ceilings where a finer line is preferred.



GW937



A wider board with deeper shadow lines, designed for large facade areas. Fewer boards cover more wall, so fitting is faster.



SHADOW GAP CLADDING

ACCESSORIES & COLORS & FINISHES



GW912-1
F Trim



GW913-1
Y Trim



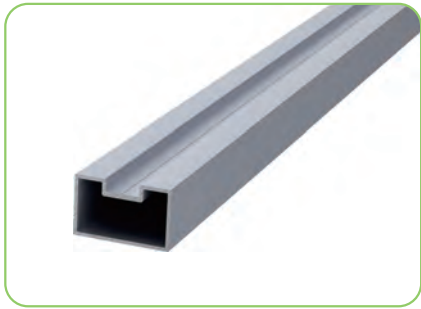
GW911
L COVER



GW951-1
F Trim



GW962
Y Trim



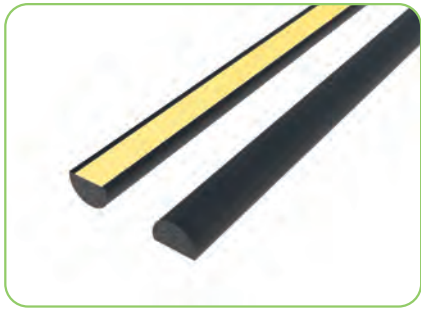
GWA035
Aluminium Joist



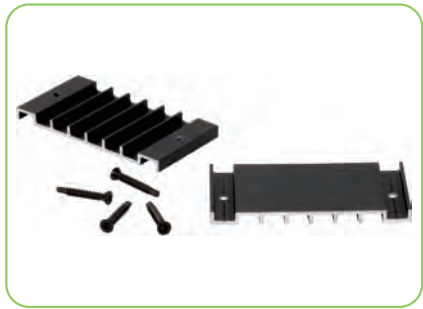
GW032 Aluminium Inside Trim
for Windows/Door Frame



GWA033 Aluminium Outside
Trim for Window/Door Frame



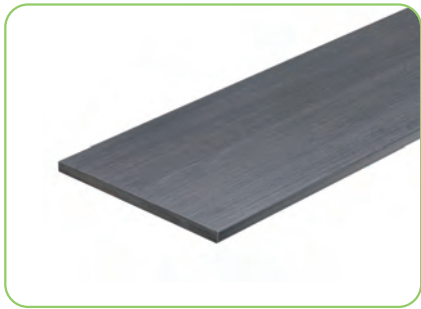
GWA069
Sealing Strip



GWA029 Aluminium Support Clips
for Shadow Gap Cladding



GWA026 Aluminium Fixing Clips
for Shadow Gap Cladding



GW928
Solid Fascia Board

COLORS & FINISHES

The matt finish gives the boards a deep, natural wood appearance. Subtle tonal variations occur during production, so no two boards are exactly alike — a feature shared with natural timber.



CN084
Cream Wood



CN005
Urban Grey



CN040
Warm Teak



CN081
Mocha



CN006
Sunny Oak



CN038
Stone Grey



CN083
Slate Grey



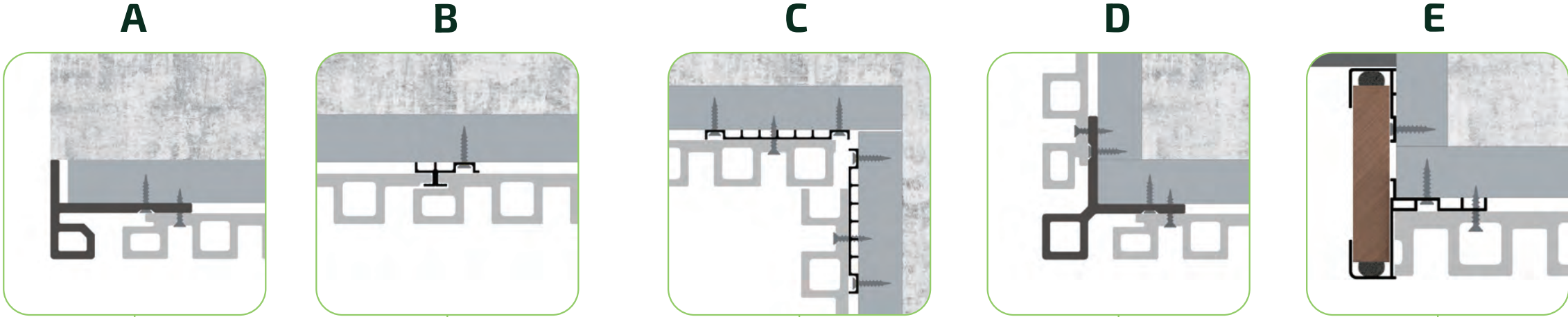
CN031
Charcoal Black

SHADOW GAP CLADDING

APPLICATION

Installation guide for slatted wall cladding

- A** F-Trim, used as the first and last board
- B** Aluminium Clip, used at every joist to fix each board to the substructure
- C** Aluminium Support Clip, used as the support for the last board on the inner corner
- D** Outside Corner Trim, used on the outside corner
- E** Aluminium Inside & Outside Trim, used as the covers for the windowsill

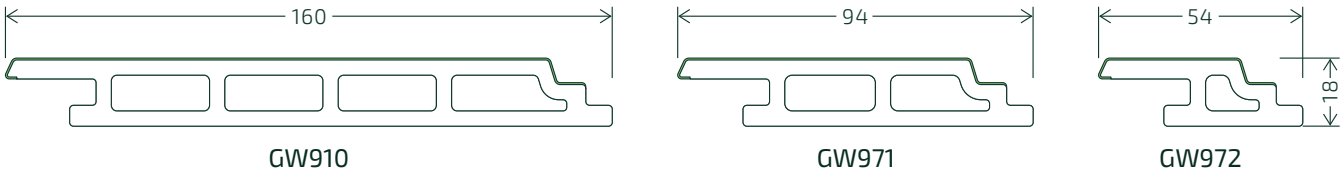


FLAT WALL CLADDING



FACADE SYSTEM

Flat wall cladding boards give a clean, contemporary facade with the appearance of natural timber and none of the staining, painting or splintering that comes with it. The boards are available in three widths — 160, 94 and 54 mm — and can be combined on a single facade to vary the panel rhythm. A brushed, matt surface is standard across the range.



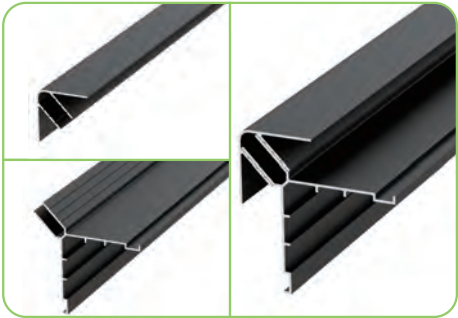
FLAT WALL CLADDING

ACCESSORIES

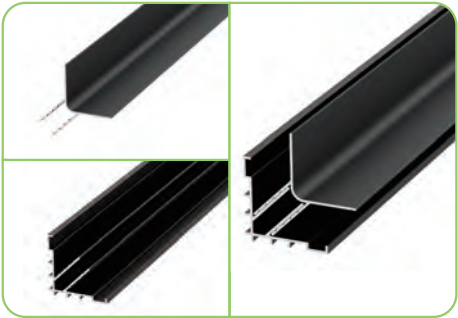


FLAT WALL CLADDING · ACCESSORIES

Aluminium trims and fixing clips for flat wall cladding. Trims finish corners and openings; clips hold the boards securely while allowing thermal movement.



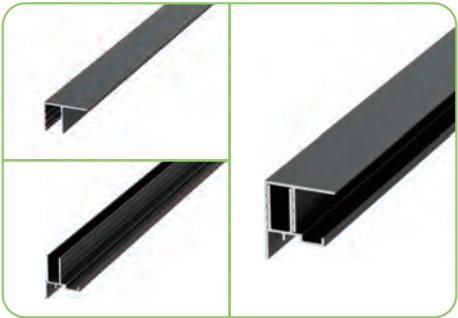
GWA041A & GWA045B
Aluminium External Trim



GWA046A & GWA042B
Aluminium Internal Trim



GWA043A & GWA047B
Aluminium H Trim



GWA049A & GWA048B
Aluminium Start/End Trim



GWA031
Aluminium Support Clip



GWA025
Aluminium Fixing Clip



GW911
WPC L Cover



GWA009
Stainless Steel Screws

FLAT WALL CLADDING

APPLICATION

A Part A — Fix the start trim

Fix the aluminium start trim to the batten, then lift the first board into the channel.

B Boards — Add boards and join

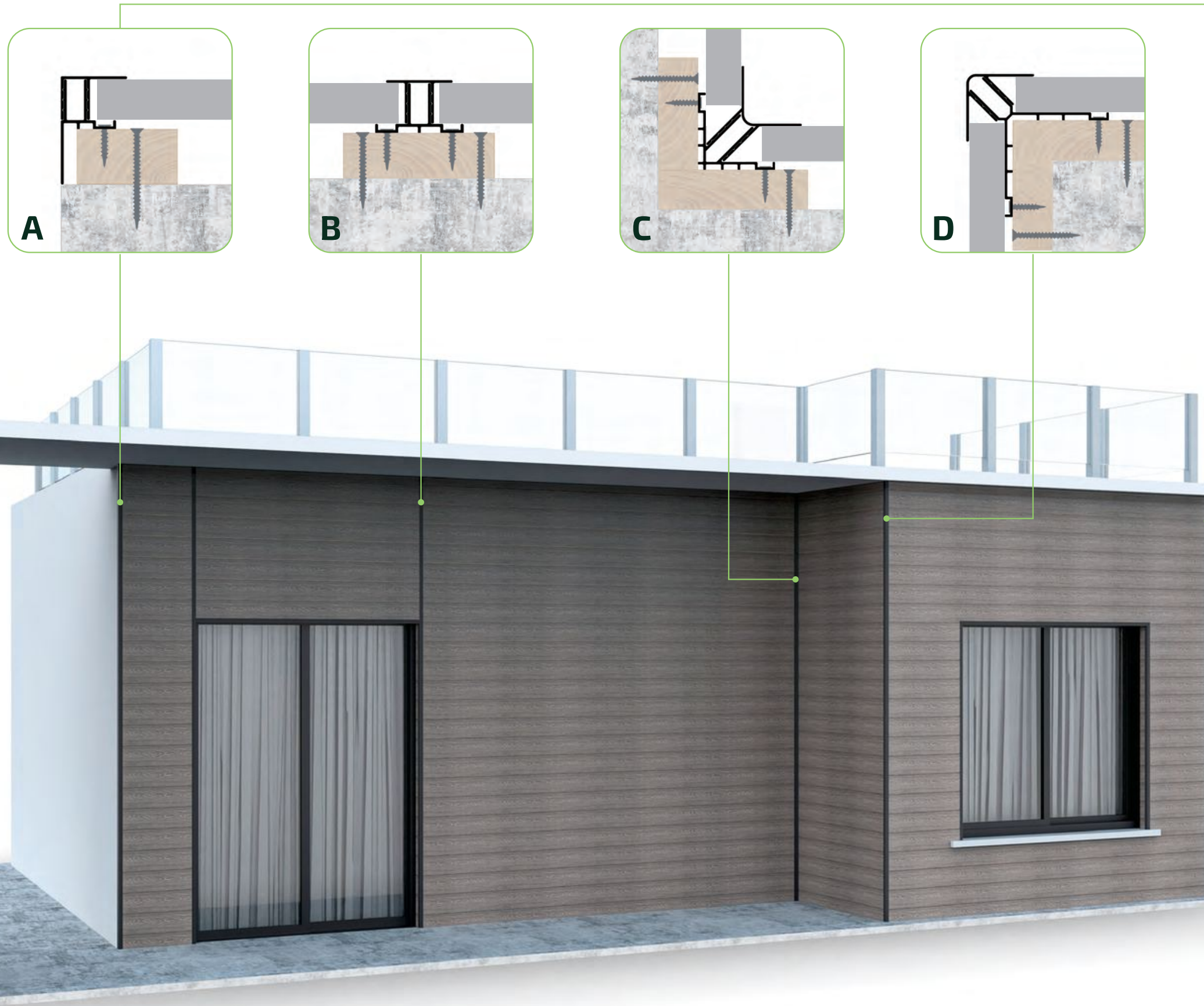
Slot each board into the H trim and slide it home; repeat across the wall.

C Corners — Work around corners

At internal and external corners, boards meet the corner trim with no cutting or mitring.

D Part B — Clip on the end trim

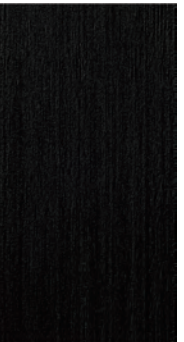
Press the end trim (Part B) into place to lock the run — no visible fixings.



FLAT WALL CLADDING
COLOR & TEXTURE



COLORS

						
CN084 Cream Wood	CN005 Urban Grey	CN013 Taupe	CN038 Stone Grey	CN064 Oak	CN006 Sunny Oak	CN059 Coffee Brown
						
CN040 Warm Teak	CN081 Mocha	CN087 Deep Walnut	CN019 Ash Grey	CN046 Modern Grey	CN083 Slate Grey	CN031 Charcoal Black

TEXTURES



Wood Vein



Smooth Surface



Matt Texture

WPC DECKING

CO-EXTRUSION WPC DECKING



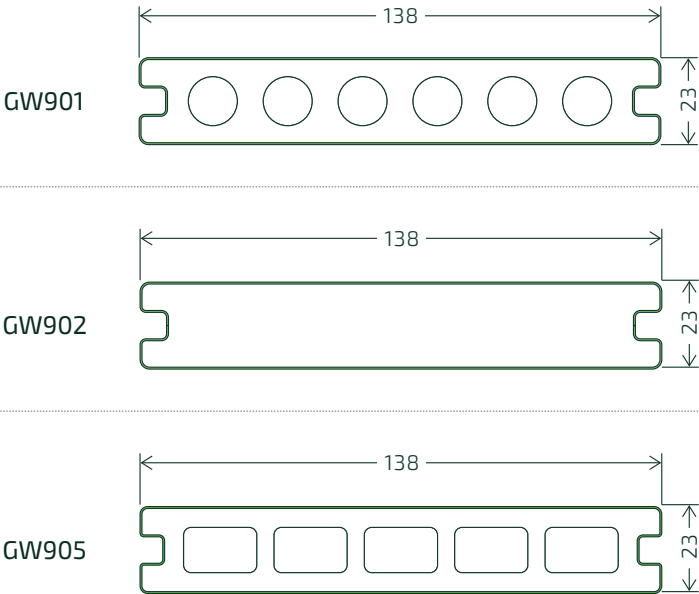
WPC DECKING

CO-EXTRUSION WPC DECKING



Engineering polymer

60% recycled wood fiber
40% recycled PE plastic and additives



Test Items	Test Method	Test Results	Test Requirements
Flexural properties	EN 15534-4: 2014 Sections 4.5.2 EN 15534-1: 2014 Annex A	Bending Strength: 41.0 MPa Modulus of elasticity:3727 MPa Maximum load: Mean: 5407 N Min.: 5174 N Deflection at 500N: Mean: 0.99 mm Max.: 1.12 mm	Flexural properties -F'max: Mean≥3300N Min.≥3000N -Deflection under a load of 500N Mean≤2.0mm Max.≤2.5mm
Moisture resistance under cyclic test conditions	EN 15534-4: 2014 Section 4.5.5 EN 15534-1: 2014 Section 8.3.2	Original bending strength: 41.0 MPa After exposure, Mean bending strength: 40.4 Mpa Decrease: 1.5% Min Bending Strength: 37.1 MPa Decrease: 9.7%	Decrease of bending strength, Means≤20% Max.≤30%
Swelling and water absorption (28 days immersion)	EN 15534-4: 2014 Section 4.5.5 EN 15534-1: 2014 Section 8.3.1	Mean swelling: 0.40% in thickness 0.10% in width 0.14% in length Max. swelling: 0.58% in thickness 0.15% in width 0.23% in length water absorption: Mean 0.87% Max. 0.90%	Mean swelling: ≤4% in thickness ≤0.8% in width ≤0.4% in length Max. swelling: ≤5% in thickness ≤1.2% in width ≤0.6% in length water absorption: Mean ≤7% Max. ≤9%
Tensile strength-perpendicular to the plane of the board	EN319: 1993	Mean: 4.16 N/mm²	

PREMIUM TECHNOLOGY

CO-EXTRUSION

Co-extruded capping on all four sides:

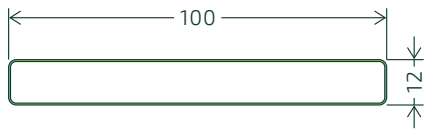
- stains wipe off, nothing soaks in
- protected against fading and mildew
- better wear and scratch resistance than uncapped boards

SIDE COVER SOLUTIONS

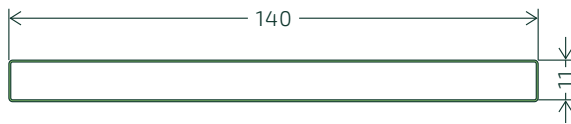
GW916



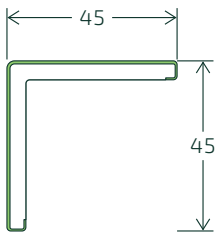
GW903



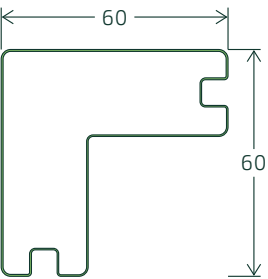
GW909



GW911



GW921



COLORS



CN084
Cream Wood



CN005
Urban Grey



CN013
Taupe



CN038
Stone Grey



CN064
Oak



CN006
Sunny Oak



CN059
Coffee Brown



CN040
Warm Teak



CN081
Mocha



CN087
Deep Walnut



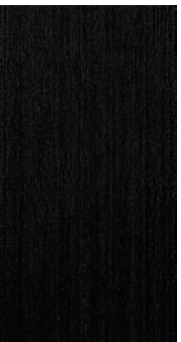
CN019
Ash Grey



CN046
Modern Grey



CN083
Slate Grey



CN031
Charcoal Black

TEXTURES



Matt Texture



Saw Mark



Stripe

ACCESSORIES
CO-EXTRUSION WPC DECKING



01



02



03



04



GWA011 STAINLESS STEEL
STARTER CLIPS



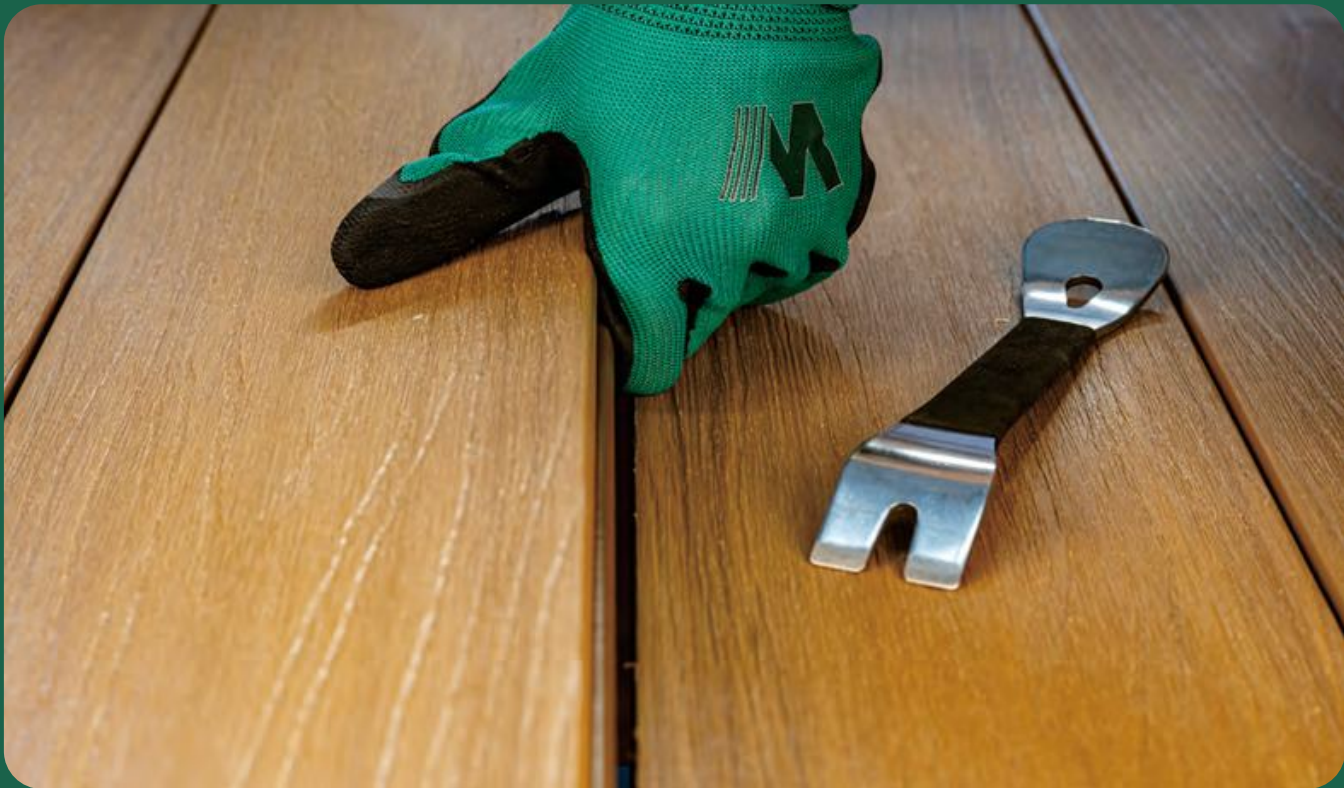
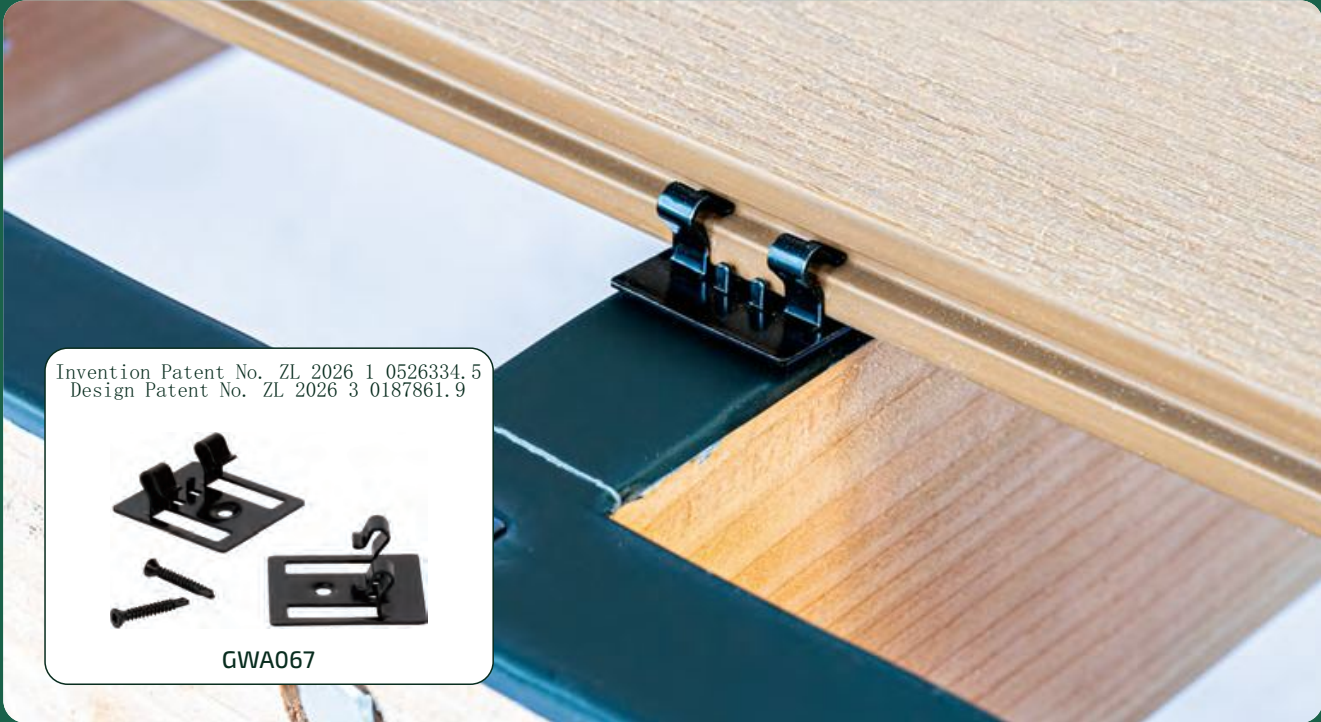
GWA007 SINGLE-SIDED
STAINLESS STEEL CLIPS



GWA067-STAINLESS STEEL
QUICK-RELEASE CLIPS

QUICK-RELEASE CLIPS

Our patented clip system lets any board be released from the deck using the pry bar. When a board is damaged, it can be lifted out and replaced on its own — the surrounding boards and the rest of the deck stay untouched.



WPC DECKING
DECKING OPTIONS



INSTALLATION METHOD
WPC PLUG



ACCESSORIES & TOOLS



WPC PLUG



COUNTERBORE BIT



LED LIGHT



BUTYL TAPE



PRY BAR



First drill a 3.3cm/1.3 inch hole in the floor



Put the LED floor light into the hole

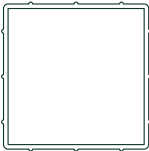
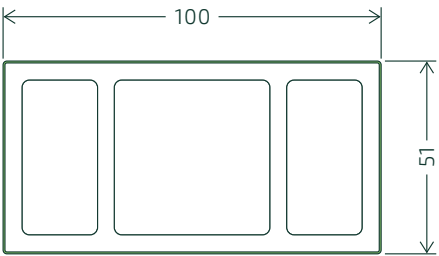


Connect the led ground light with other led ground lights

WPC DECORATIVE LATH



GW938



GF223



ACCESSORIES FOR GW938



GWA051
WPC CAP



GWA-D01
IRON CAP



GWA-D04 & D07
U FIXING



GWA-D10



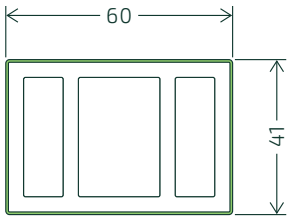
GWA-D11



GWA-D14

WPC DECORATIVE LATH

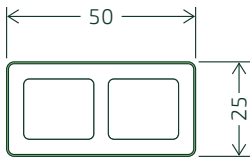
GW939



GF224



GW947



GF219



ACCESSORIES FOR GW939



GWA050
WPC CAP



GWA-D02
IRON CAP



GWA-D05 & D08
U FIXING



GWA-D10



GWA-D12



GWA-D14

ACCESSORIES FOR GW947



GWA065
WPC CAP



GWA-D03
IRON CAP



GWA-D06 & D09
U FIXING



GWA-D10



GWA-D13

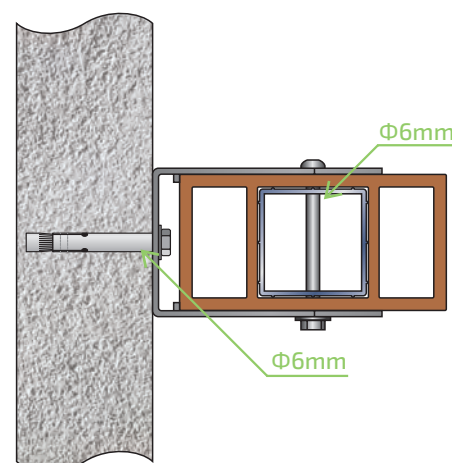


GWA-D14

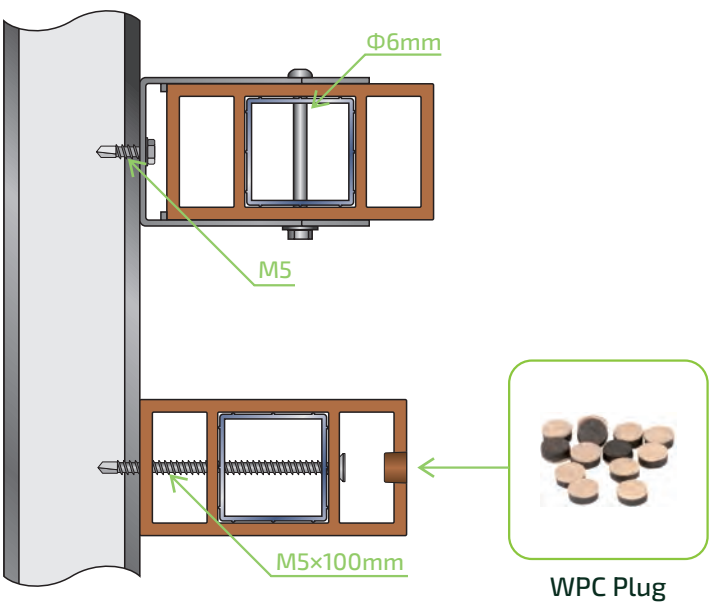
WPC DECORATIVE LATH

INSTALLATION METHOD

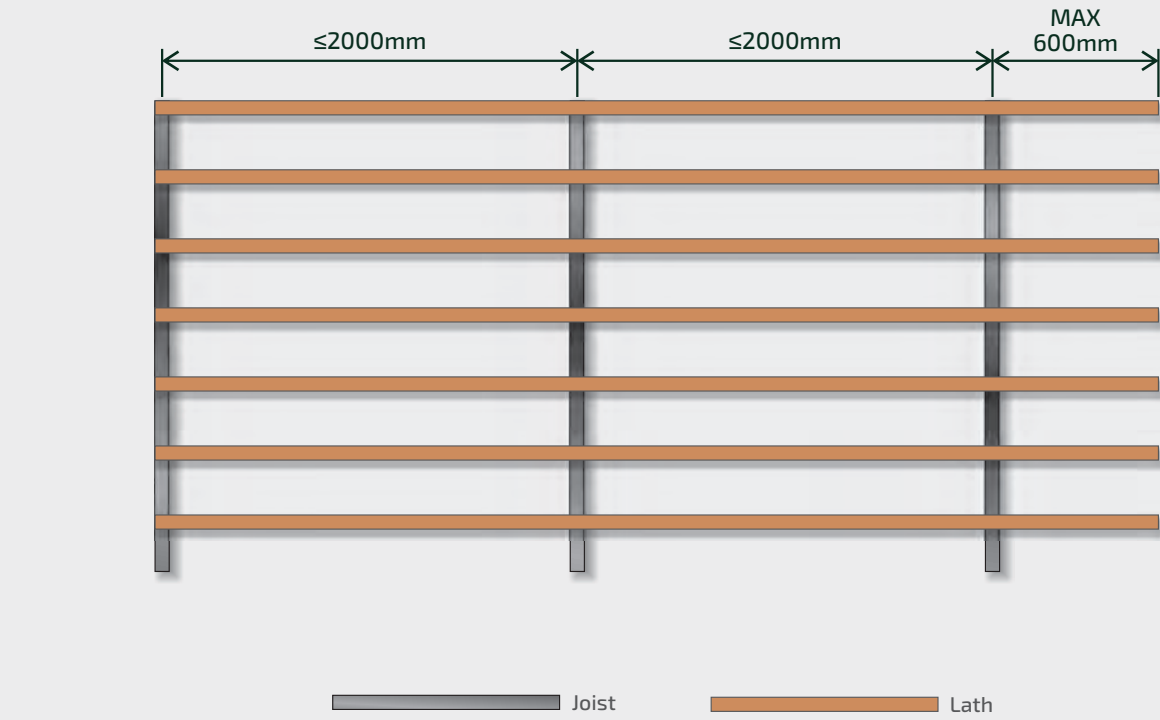
Fixing method for concrete wall



Fixing method for metal surface



Horizontal installation



Vertical installation

