

Co-Extrusion Collection

2026

Decking, cladding, screening, fencing and railing in
second-generation capped wood-polymer composite.



THE MATERIAL

Built for the outside world.

First-generation composite left the core exposed. Ours does not. Every board in this collection is co-extruded: a dense wood-polymer core is bonded to a continuous polymer shield in a single pass, so there is no seam for water, oil or UV to work into.

The result is a surface that behaves like a manufactured product rather than a natural one - stable across seasons, colour-locked under sun, and finished without oil, stain or sealant for the life of the deck.

25+

12

STANDARD COLOURWAYS

90%

RECYCLED CORE CONTENT

60+

Range

01

Co-Extrusion Decking

Ribbed, solid, reversible and step boards

05

02

Super Deck

Premium matt range, 3D embossed

13

03

PVC / ASA Decking

Full polymer boards for high-exposure sites

16

04

Deck Tile

Interlocking DIY tiles

19

05

Wall Cladding & Panels

Shiplap, fluted and half-round profiles

21

06

Louver & Screen

Battens, tubes and structural beams

27

07

Fencing

Infillboard and post systems

30

08

Railing

Balustrade systems and components

33

09

Trim & Accessories

Fascia, edgeboards, clips and brackets

36

10

Technical & Installation

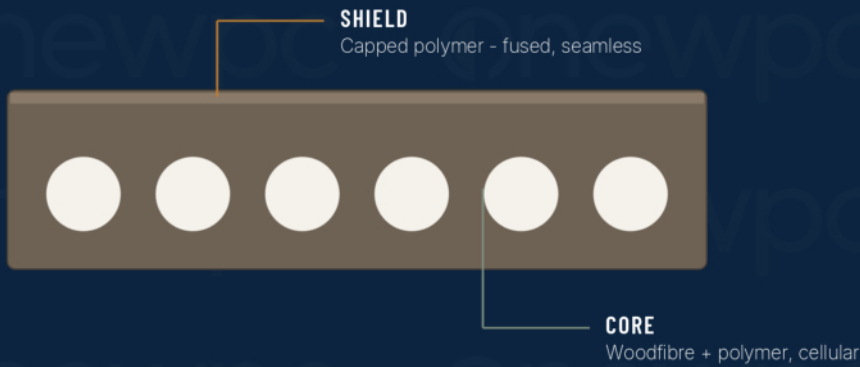
Specification, install and care

39

TECHNOLOGY

Two layers, one board.

Co-extrusion bonds the shield to the core while both are still molten. There is no glue line, no wrap and no seam to fail.



PRIMARY BENEFITS

Waterproof

Sealed polymer cap resists standing water and splash zones.

UV Stable

Colour-locked shield layer limits fade under direct sun.

Anti-Slip

Textured surface holds grip when wet, pool-side rated.

Stain Resistant

Non-porous face repels oil, wine and food spills.

Termite Free

No natural food source - immune to insect attack.

Low Maintenance

No oiling, sealing, staining or painting required.

Dimensionally Stable

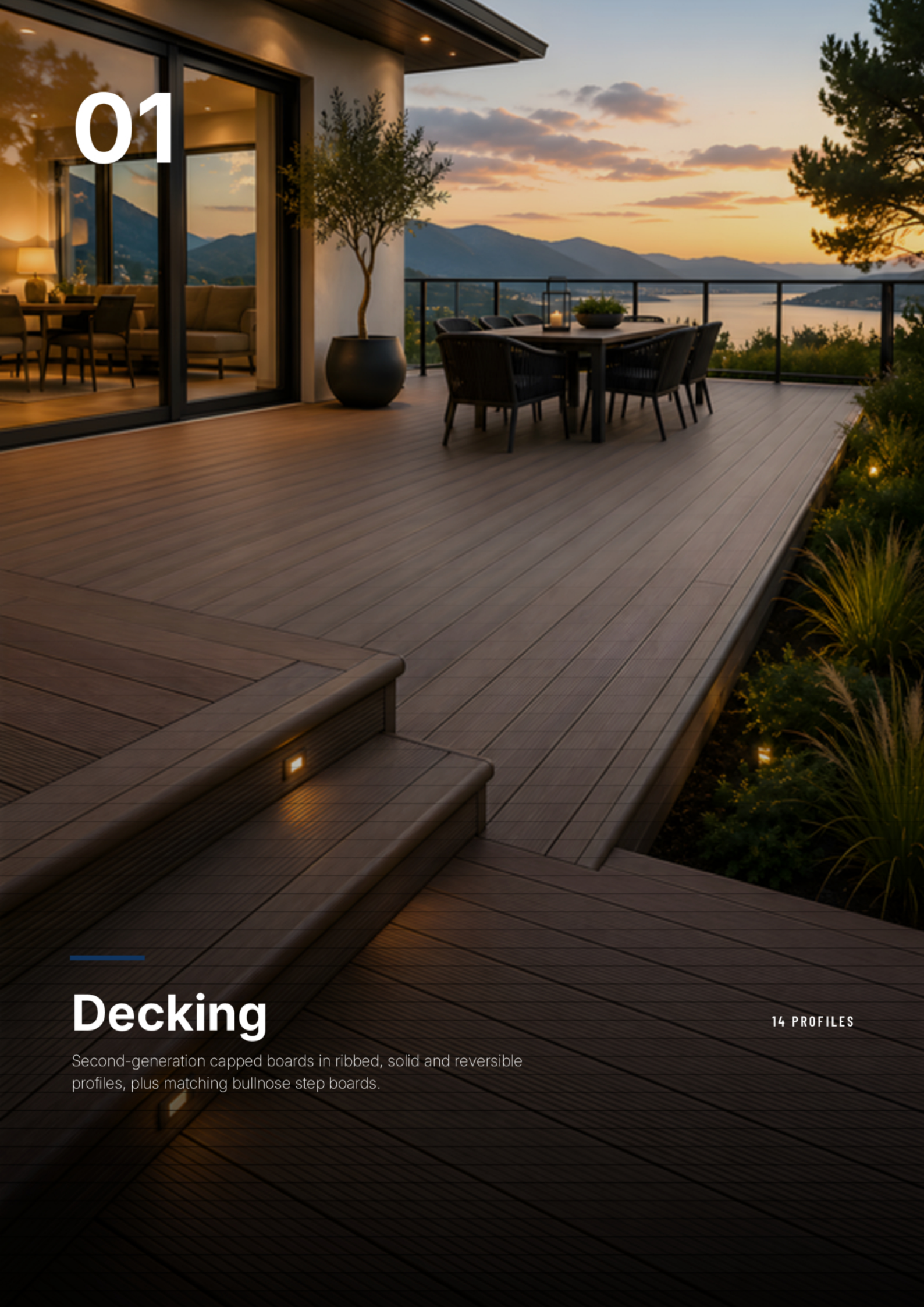
Minimal swell, warp or cupping through seasons.

Fire Retardant

Formulated to slow surface spread of flame.

Recyclable

Core is up to 90% reclaimed wood fibre and polymer.

A large, modern outdoor deck made of dark grey composite decking. The deck features a dining table with six chairs, a potted tree in a large black pot, and a set of steps with integrated lighting. The deck overlooks a lake and mountains at sunset. The interior of a house is visible through large glass doors on the left.

01

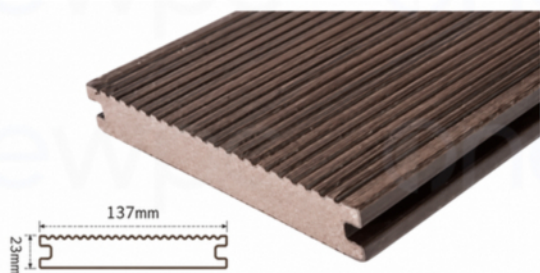
Decking

Second-generation capped boards in ribbed, solid and reversible profiles, plus matching bullnose step boards.

14 PROFILES

Co-extrusion decking

Hollow-cell boards run lighter and costless per metre; solid boards carry more load and feel denser underfoot.

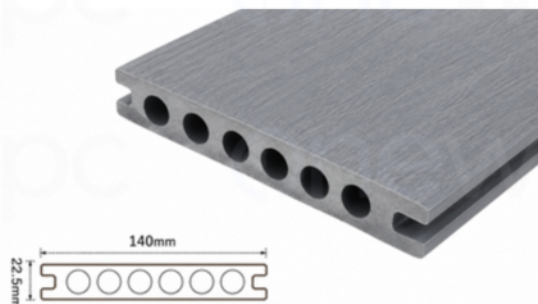


OW-D26001

Ribbed Hollow Deck Board

137 x 23 mm

Dual-tone - 3 chamber

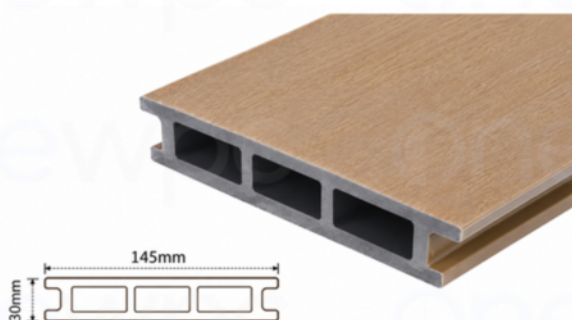


OW-D26002

Round-Cell Deck Board

140 x 22.5 mm

6 chamber-grooved face

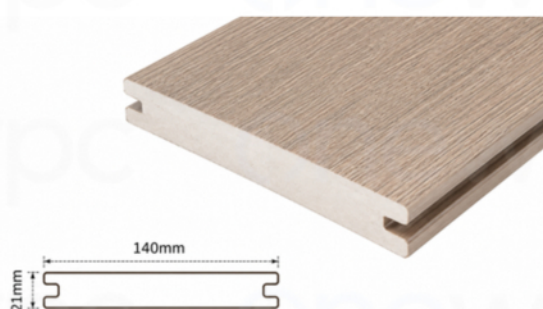


OW-D26003

Heavy-Duty Deck Board

145 x 30 mm

3 chamber-commercial



OW-D26004

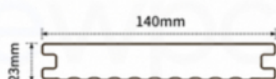
Solid Embossed Deck Board

140 x 21 mm

Solid core-deep grain



Co-extrusion decking

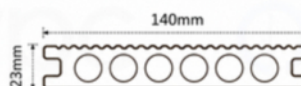
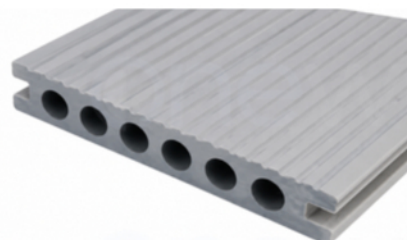


OW-D26005

Wave-Core Deck Board

140 x 23 mm

Dual-tone-reversible

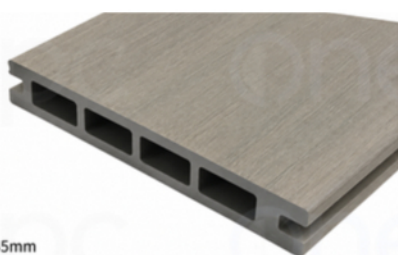


OW-D26006

Round-Cell Deck Board

140 x 23 mm

7 chamber-light tone

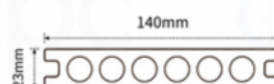
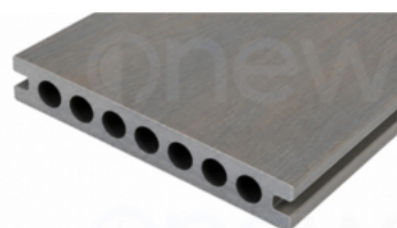


OW-D26007

Square-Cell Deck Board

145 x 23 mm

4 chamber-wide gauge



OW-D26008

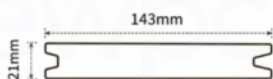
Round-Cell Deck Board

140 x 23 mm

6 chamber -grooved face



Co-extrusion decking

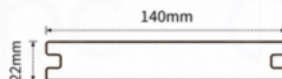


OW-D26009

Solid Grain Deck Board

143 x 22 mm

Solid core-matt finish

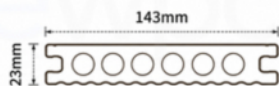
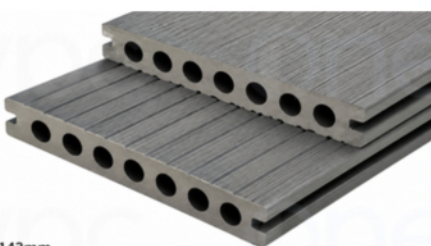


OW-D26010

Solid Grain Deck Board

140 x 22 mm

Solid core -deep emboss

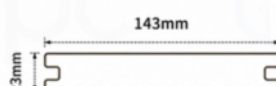
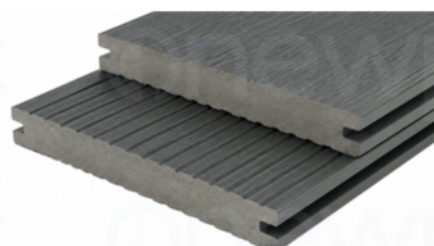


OW-D26011

Reversible Deck Board

143 x 23 mm

Grooved / wood grain faces



OW-D26012

Reversible Deck Board

143 x 23 mm

Dual-tone-twin finish



Step & stair boards

Bullnose profiles that close the edge of at read and carry the same shield layer as the field boards.



Colour range

Twelve standard tones across the co-extrusion decking, cladding, fencing and railing families.

STANDARD COLOURS



BEIGE



MAPLE



TEAK



ASH GREY



RED WOOD



WALNUT



OAK



ANTIQUE



LIGHT GREY



RED CEDAR



SILVER GREY



CHARCOAL

Printed colours are indicative. Boards lighten slightly over the first two to three months on site, then hold their final tone.

Wood grain designs

Eight embossing patterns, each available across the standard colour range.

GRAIN PATTERNS



CLASSICA



ATTIVO



SUPER



PRATICA



MIRACOLO



MODA

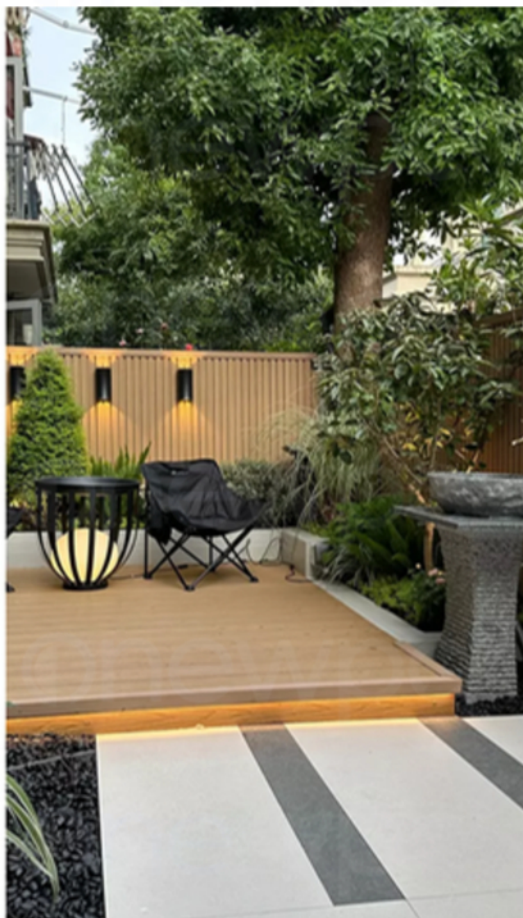


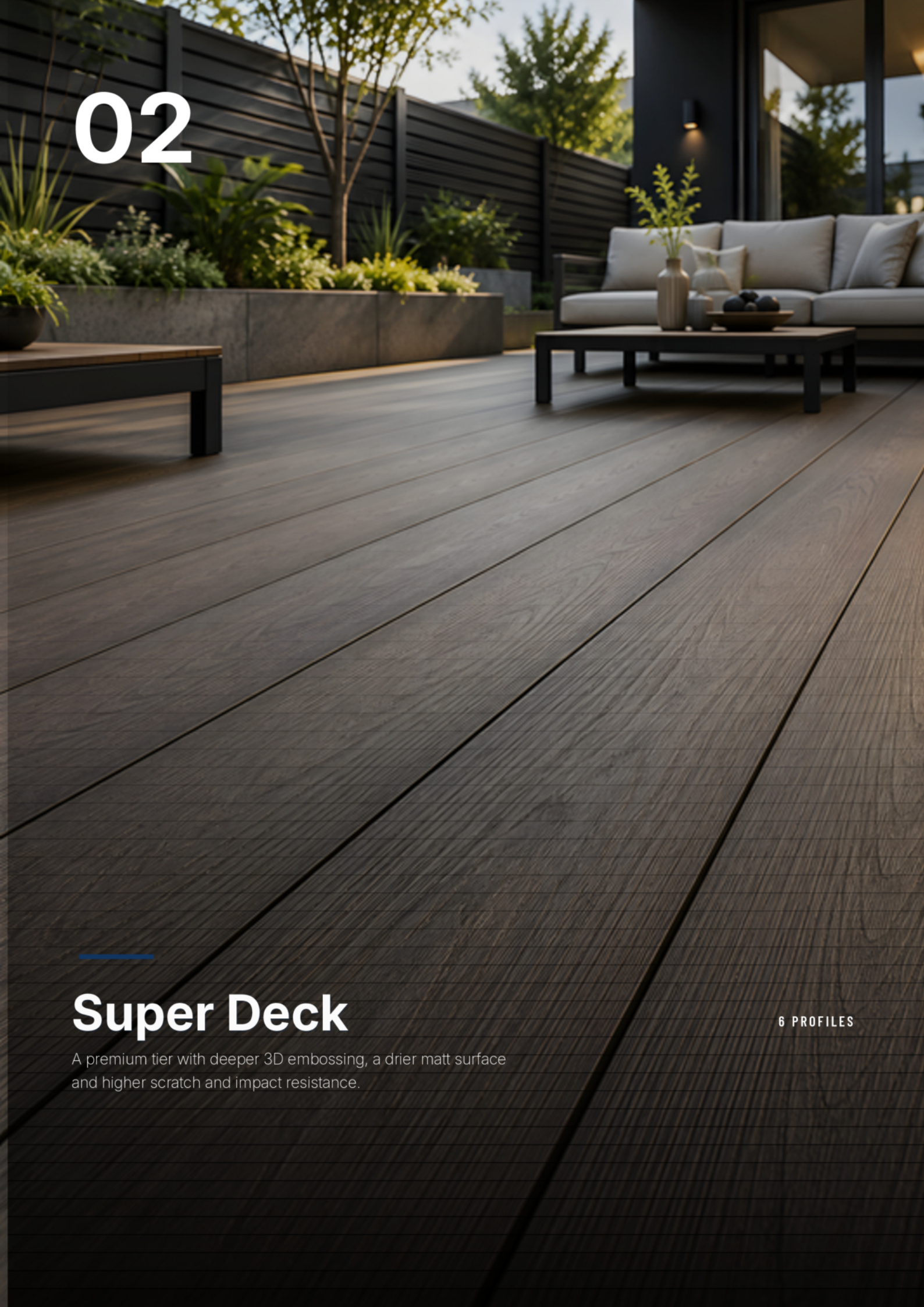
ANTICA



OLA

In place



A modern outdoor deck with dark wood planks, a white sofa, and a coffee table. The deck is made of dark wood planks with a deep 3D embossed texture. In the background, there is a white sofa with cushions, a dark coffee table, and a planter box with various green plants. The scene is set in a modern outdoor space with a dark wooden fence and a building with large windows in the background.

02

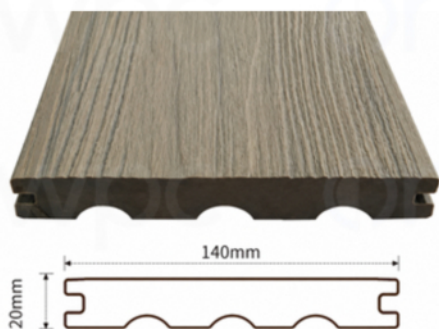
Super Deck

A premium tier with deeper 3D embossing, a drier matt surface and higher scratch and impact resistance.

6 PROFILES

Super Deck profiles

Solid wave-core and seven-chamber hollow boards, all at 140 mm face width.

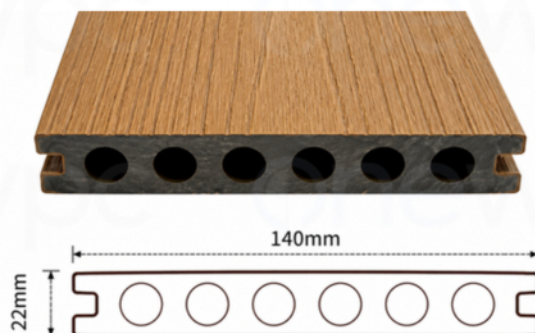


OW-S26003

140 x 20 mm

Solid Wave-Core Board

Matt embossed-solid

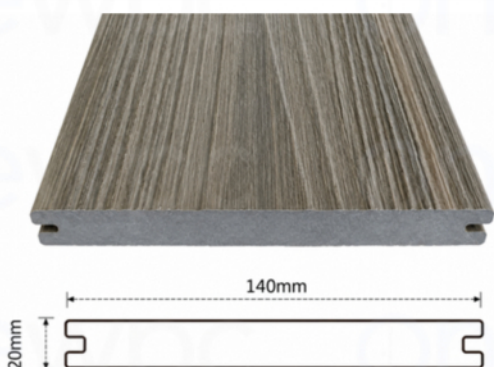


OW-S26004

140 x 22 mm

Round-Cell Board

7 chamber-grey tone

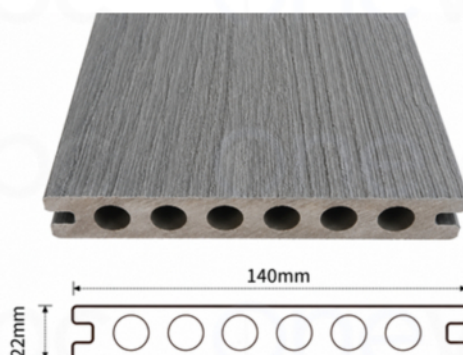


OW-S26005

140 x 20 mm

Solid Wave-Core Board

Matt embossed-solid

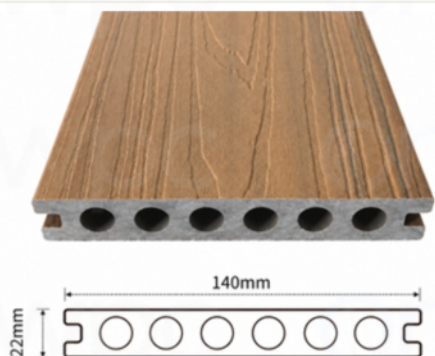


OW-S26006

140 x 22 mm

Round-Cell Board

7 chamber-silver tone

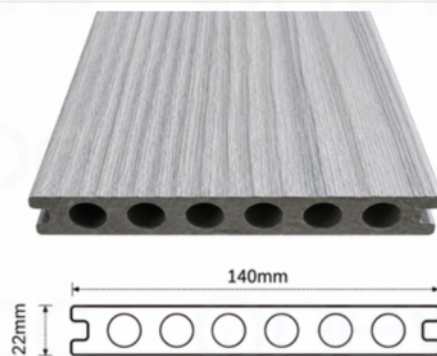


OW-S26001

140 x 22 mm

Round-Cell Board

7 chamber-teak tone



OW-S26002

140 x 22 mm

Round-Cell Board

7 chamber-teak tone

Matt colourways

Six tones with a deeper, drier surface texture and a lower sheen than the standard co-extrusion range.



ANTIQUE



TEAK



WALNUT



OAK



LIGHT GREY



CHARCOAL

WHY SUPER DECK

Premium finish

Stylish 3D wood grains, brushed and embossed.

Scratch resistance

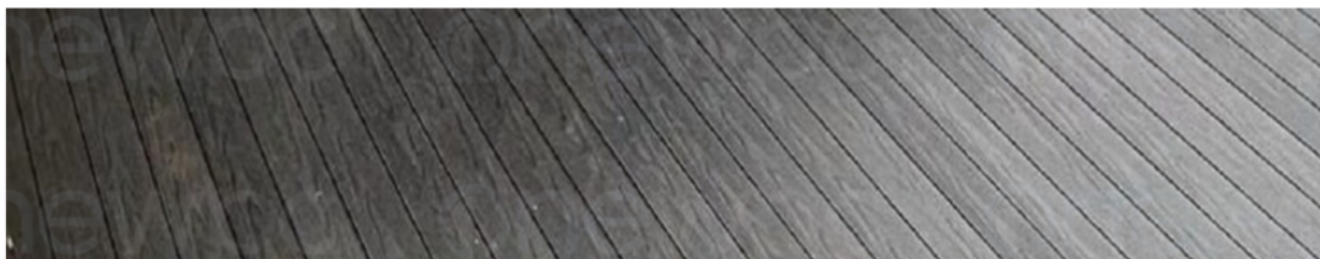
Denser cap layer resists surface marking.

Matt tone

Lower sheen for a more natural, drier appearance.

Impact resistance

Reinforced formulation for higher traffic.





03

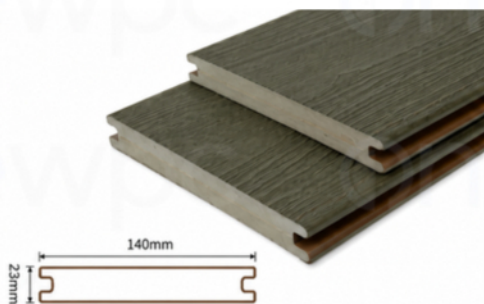
PVC / ASA Decking

and other constantly wet installations.

6 PROFILES

PVC / ASA decking

Nowoodfibre meanseffectivelynoabsorption,noswelling and no food source for mould or insects.

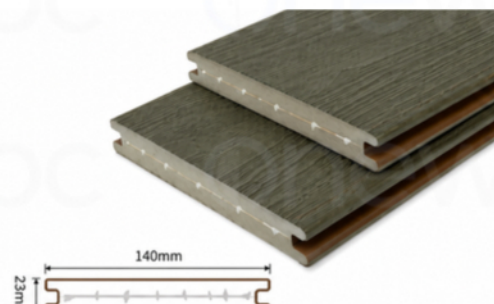


OW-V26001

PVC/ASA Deck Board

140 x 23 mm

Hollow - clip fixed

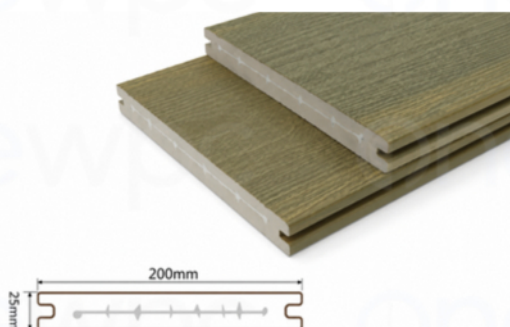


OW-V26002

PVC/ASA Deck Board

140 x 23 mm

Hollow -face screwed

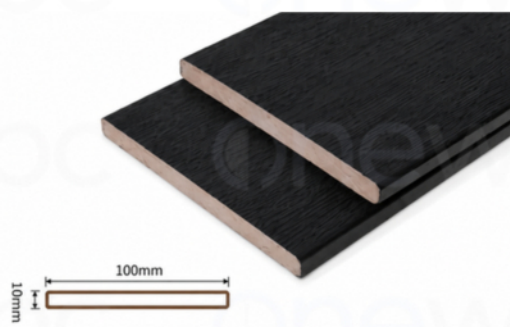


OW-V26003

PVC/ASA Wide Plank

200 x 25 mm

Hollow - wide gauge

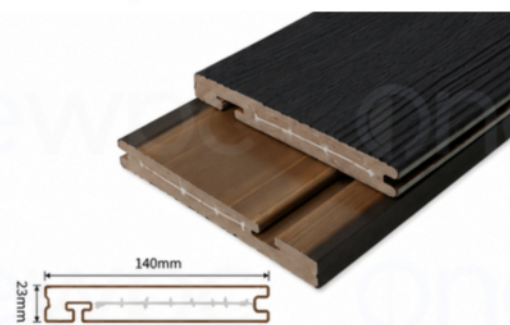


OW-V26004

PVC/ASA Fascia Plank

100 x 10 mm

Flat-charcoal

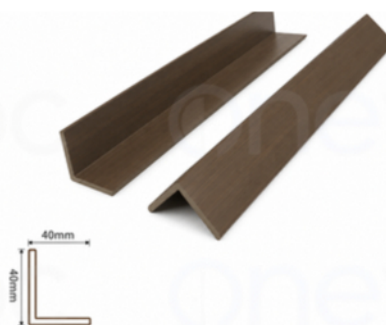


OW-V26005

PVC/ASA Deck Board

140 x 23 mm

Hollow - concealed channel



OW-V26006

PVC/ASA Corner Angle

40 x 40 mm

L-trim -edge finishing

Colours & grains

Full-polymer boards carry pigment through the cap layer, giving a flatter, more uniform tone than wood-filled composite.



MAPLE



TEAK



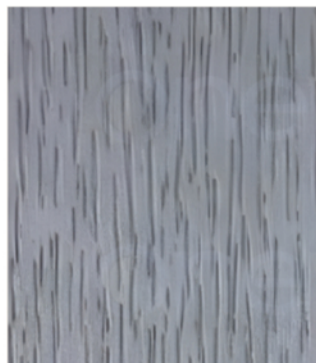
RED WOOD



LEMON



ANTIQUE



GREY



SILVER GREY



CHARCOAL

WOOD GRAIN DESIGNS



SPLINTER



ELM

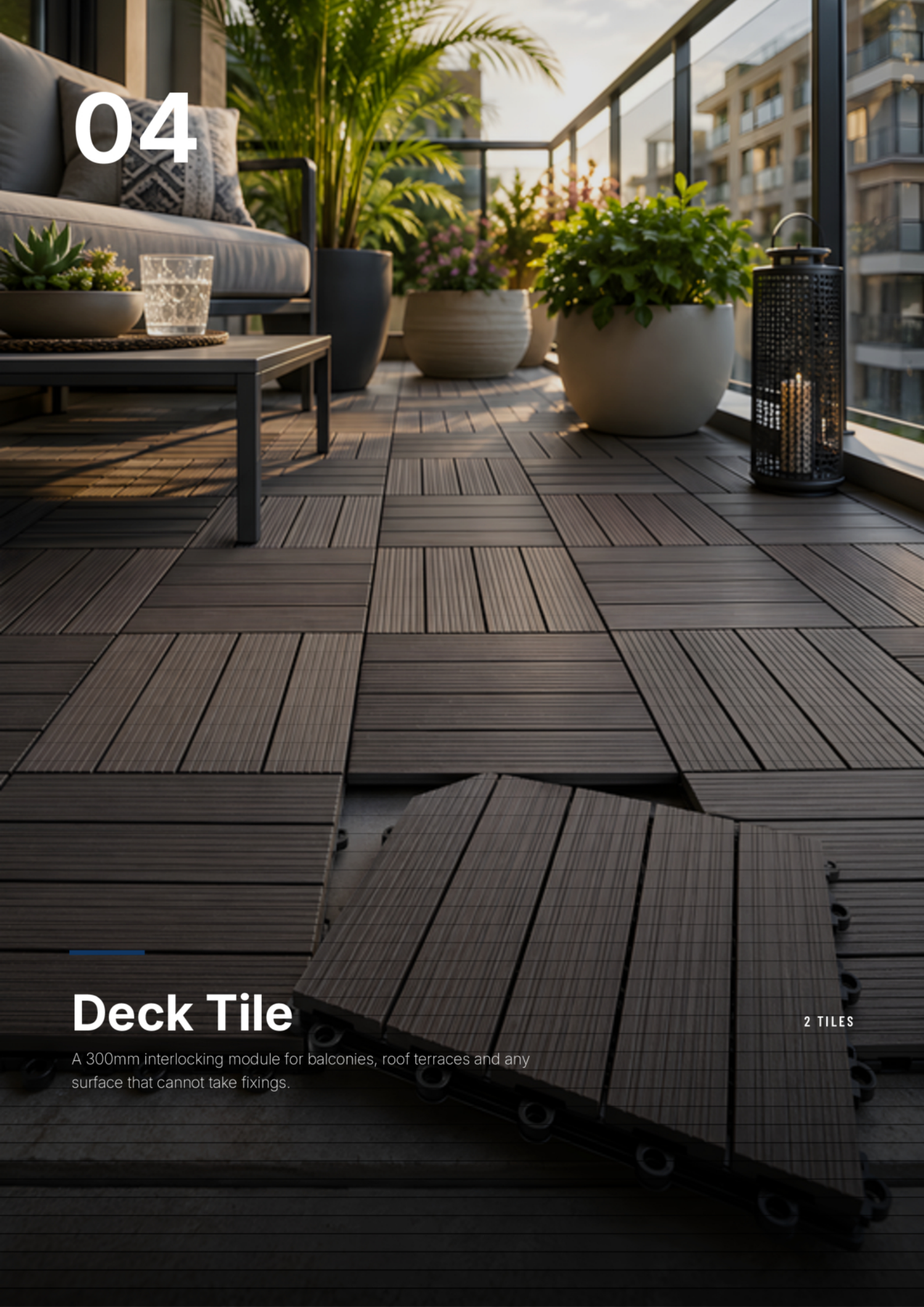


HAZEL



PRATICA





04

Deck Tile

A 300mm interlocking module for balconies, roof terraces and any surface that cannot take fixings.

2 TILES

Interlocking tiles

A 300mm module on a click-together polypropylene base. Laid loose over concrete, tile or balcony screed with no fixings and no adhesive.

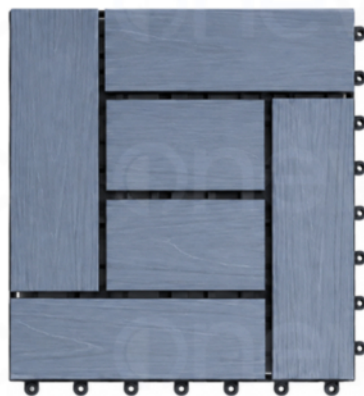


OW-T26001

4-SlatDeckTile

300 x 300 x 22 mm

Interlocking base

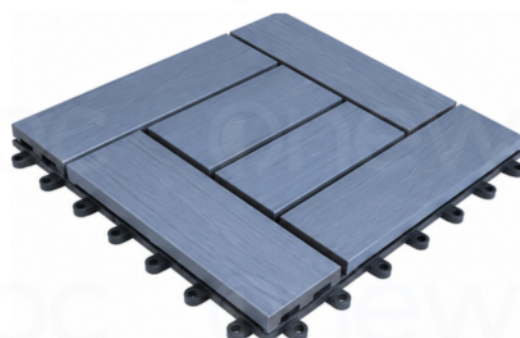


OW-T26002

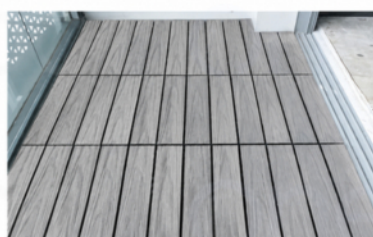
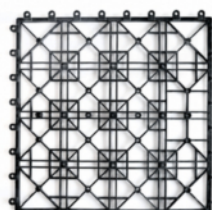
PinwheelDeck Tile

300 x 300 x 22 mm

Interlocking base

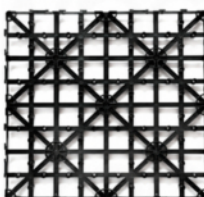


LOCKING BASE



2-side locking base

Tiles run in one direction- simplest for straight runs and corridors.



4-side locking base

Tiles lock on every edge- lay in any direction for chequer patterns.

11 tiles = 1 square metre

NO FIXINGS / NO ADHESIVE / LIFTS FOR ACCESS

05

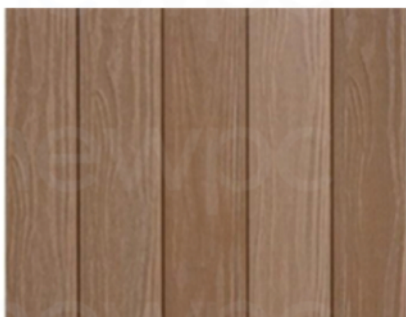
Wall Cladding & Panels

feature walls.

10 PROFILES

PVC / ASA cladding

Full-polymer facade boards for rain-screen and soffit work, where the wall takes constant weather and needs the lowest possible absorption.



APPLICATION SCENARIOS

ASA outdoor wall panel solutions for multiple exterior projects



Villa Exterior Wall

Modern facade cladding for residential projects.

Color: Textured Oak



Courtyard & Fence

Privacy wall solution with durable outdoor finish.

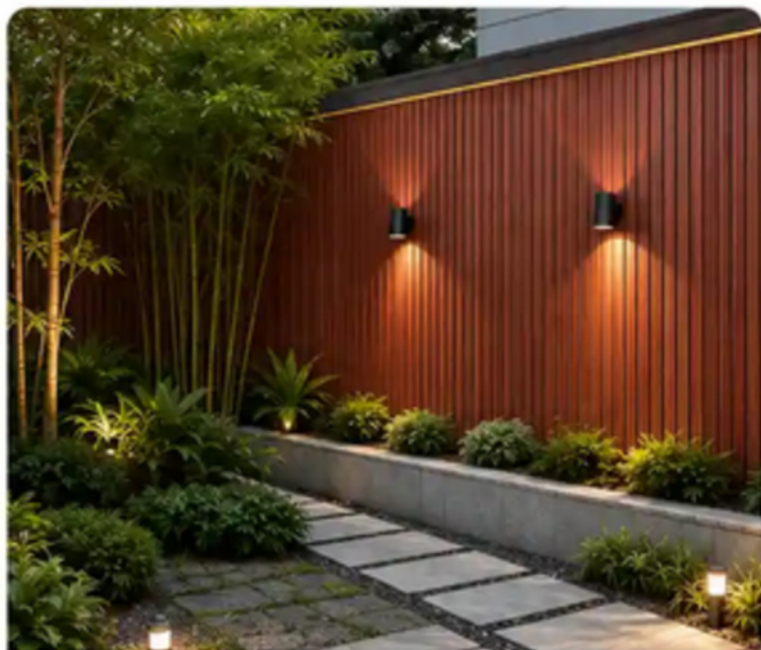
Color: Teak



Commercial Facade

Project-grade surface for commercial exteriors.

Color: Metallic Grey



Garden & Landscape Wall

Decorative cladding for outdoor feature spaces.

Color: Textured Red Wood



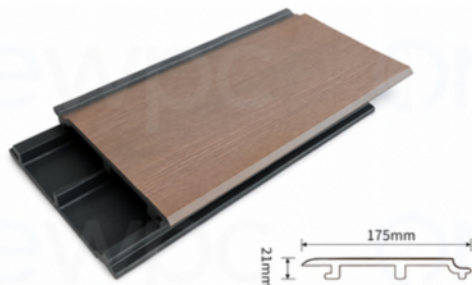
Balcony & Terrace

Weather-resistant finish for semi-open areas.

Color: Black Walnut

WPC wall panels

Fluted and ship lap profiles fixed on a concealed clip, suitable for external facade and internal feature walls.

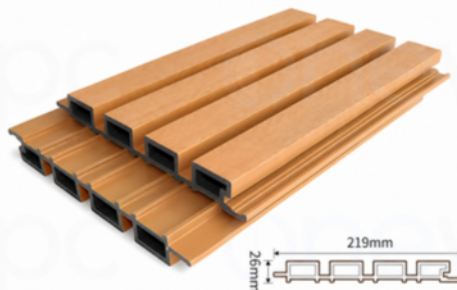


OW-P26001

Shiplap Wall Board

175 x 21 mm

Concealed fix - flat face

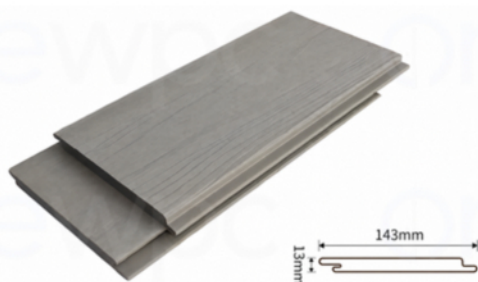


OW-P26002

Fluted Wall Panel

219 x 26 mm

5 rib -square profile

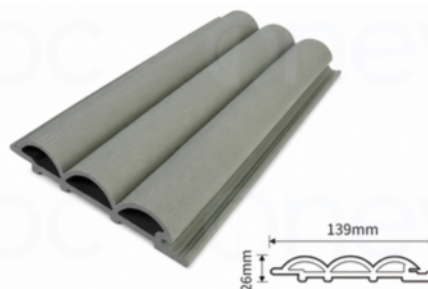


OW-P26003

Slim Shiplap Board

143 x 13 mm

Concealed fix-slim



OW-P26004

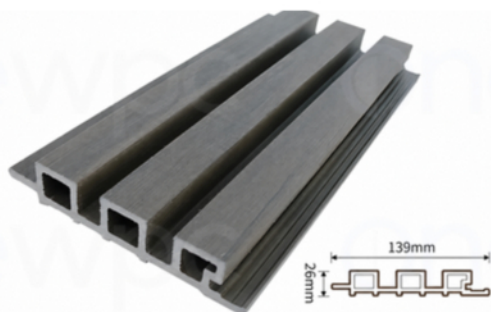
Half-Round Panel

139 x 26 mm

3 rib -curved profile



WPC wall panels

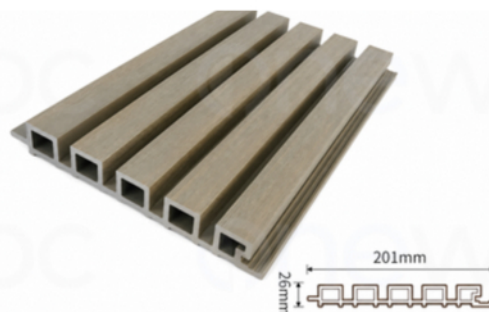


OW-P26005

Wide-Rib Panel

139 x 26 mm

3 rib - deep channel

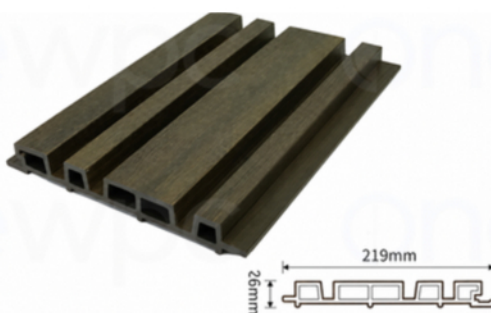


OW-P26006

Fluted Wall Panel

201 x 26 mm

5 rib - narrow channel

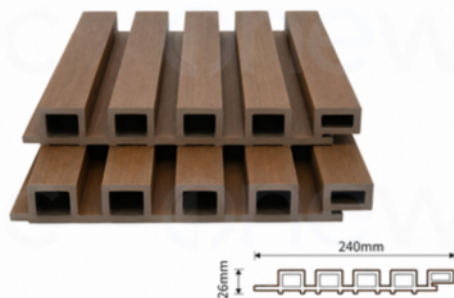


OW-P26007

Fluted Wall Panel

219 x 26 mm

5 rib - dark tone



OW-P26008

WideFluted Panel

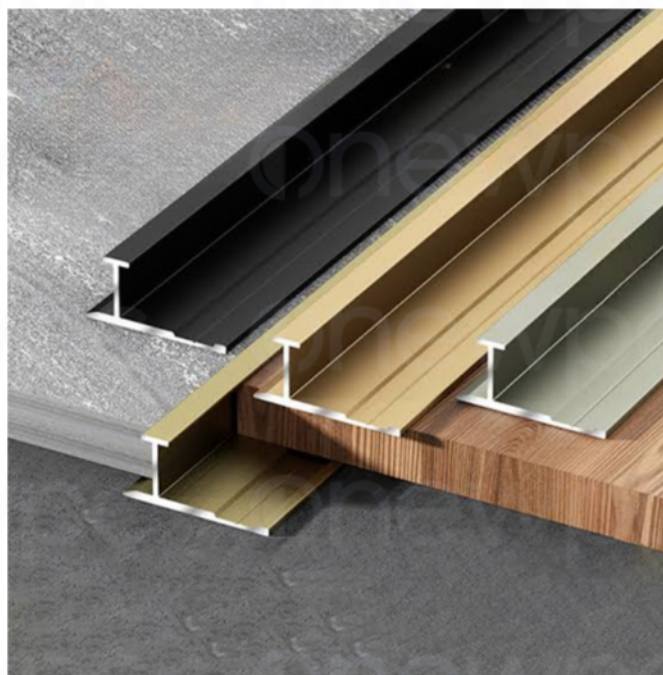
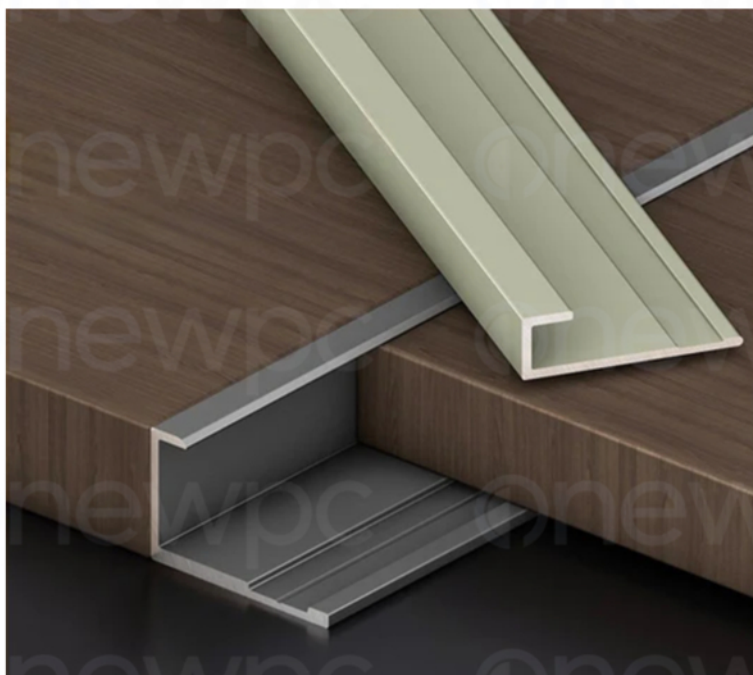
240 x 26 mm

5 rib - widest gauge

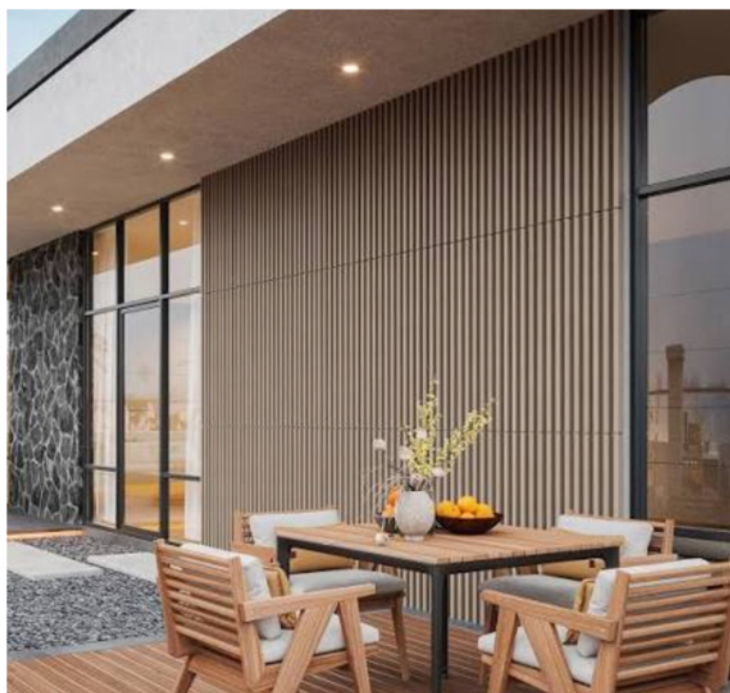


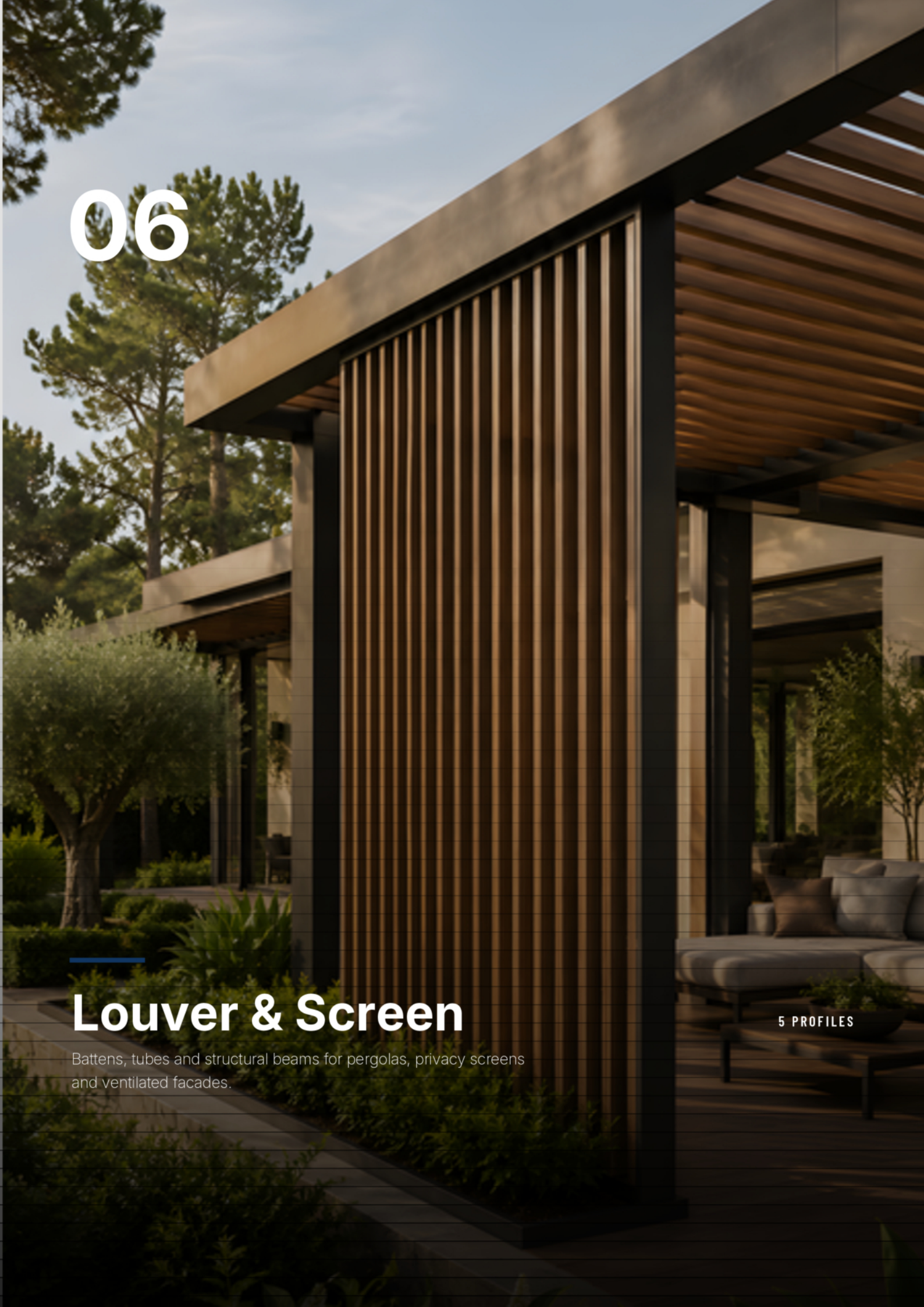
Panel trims & fixings

Edge, joint and corner profiles that close the panel run and hide the fixing.



Panels in place



A modern architectural structure featuring a pergola with horizontal wooden slats and a vertical screen made of dark, narrow louvers. The structure is set in a lush garden with trees and shrubs. The lighting is warm, suggesting late afternoon or early morning. The overall design is minimalist and functional.

06

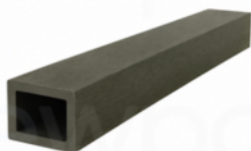
Louver & Screen

Battens, tubes and structural beams for pergolas, privacy screens and ventilated facades.

5 PROFILES

Louver & screen profiles

Square battens through to a 200 x 100 mm three-chamber beam for longer unsupported spans.

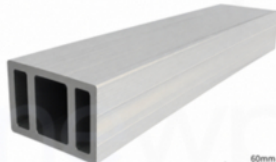


OW-L26001

41.5 x 31.5 mm

Louver Batten

Square section

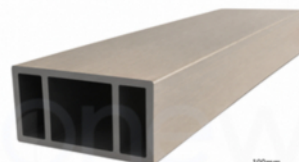


OW-L26002

60 x 42 mm

Screen Tube

2 chambers



OW-L26003

100 x 52 mm

Screen Tube

2 chambers



OW-L26004

120 x 60 mm

Pergola Beam

2 chambers



OW-L26005

200 x 100 mm

Structural Beam

3 chamber-max span



Screen accessories

Brackets, caps and base plates that carry the batten and close the ends of every open profile.





07

Fencing

A framed fence system with aluminium posts and rails and composite infill boards.

3 PROFILES

Fence infill boards

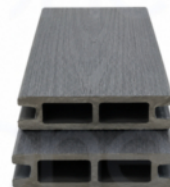
Boards drop into the rail channel - no visible fixings, and any board can be lifted out later for replacement.



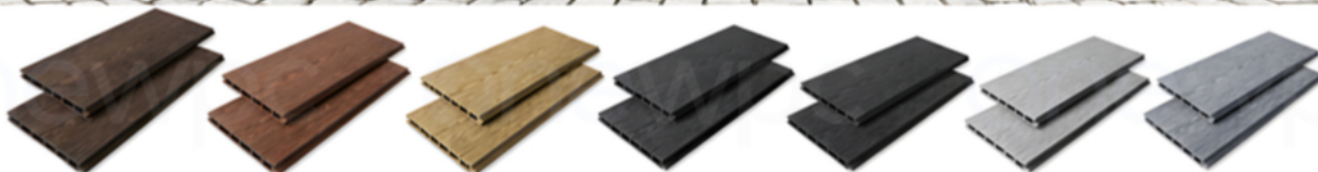
OW-F26001 150 x 20 mm
Fence Infill Board 5 chamber - shiplap



OW-F26002 151 x 22.2 mm
Fence Infill Board 5 chamber - louvered

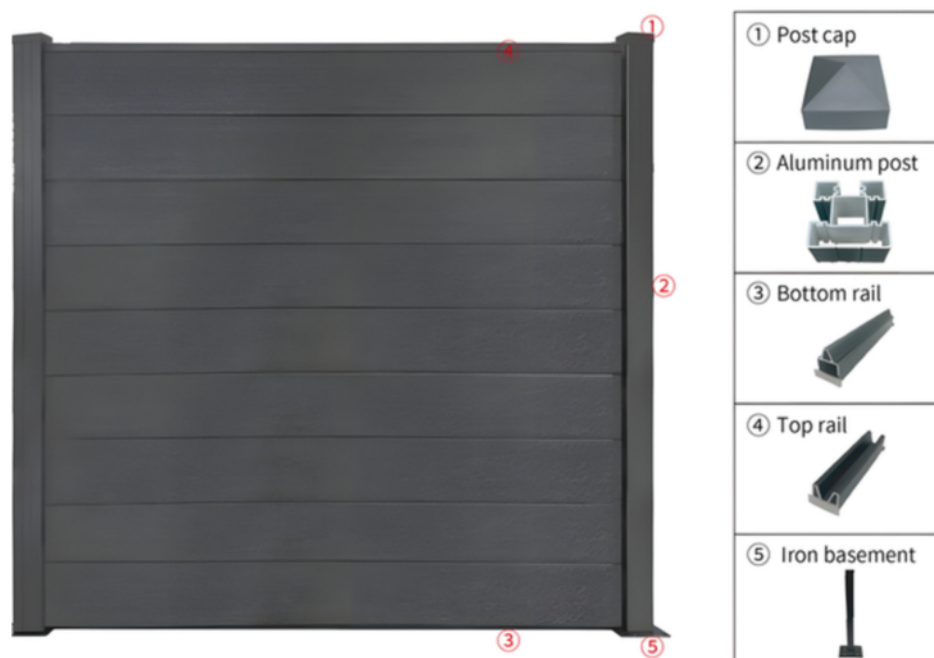


OW-F26003 90 x 22 mm
Fence Slat Board 3 chamber - narrow



System & installation

A framed system: aluminium posts carry top and bottom rails, and the composite infill boards drop in between them.



Components

01
Post cap

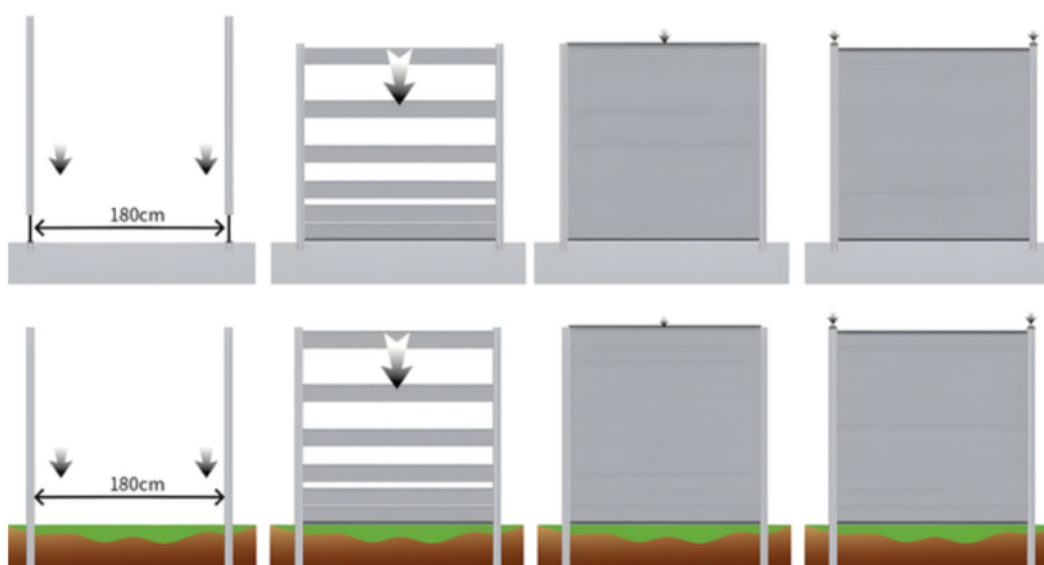
02
Aluminium post

03
Bottom rail

04
Top rail

05
Steel base plate

INSTALLATION - HARD & SOFT GROUND



Post centres 1,800 mm. Set posts first, then stack the infill boards from the bottom rail up.

08 RAILING

Railing

Patented balustrade systems with a galvanised steel core inside every post.

3 SYSTEMS

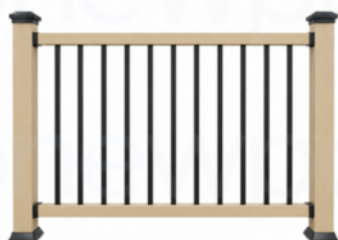
Balustrade systems

Supplied as a kit: posts, top and bottom rail, balusters, caps and fixings.



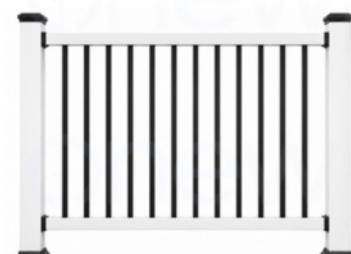
OW-R26001 1100 x 1800 mm

Square Baluster Railing
WPC post & rail - patented



OW-R26002 1100 x 1800 mm

Flat Baluster Railing
WPC post & rail - patented



OW-R26003 1100 x 1800 mm

Slim Baluster Railing
WPC post & rail - patented



Railing components

Every part of the balustrade, from the steel-cored post to the solar cap that finishes it.



Top Handrail

WPC over steel core



Post & Iron Core

WPC sleeve + galvanised insert



Fixed Bracket

Rail-to-post connector



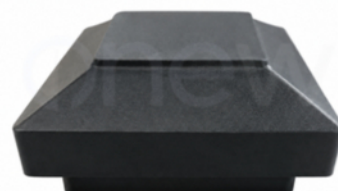
Adjustable Bracket

For stair rake angles



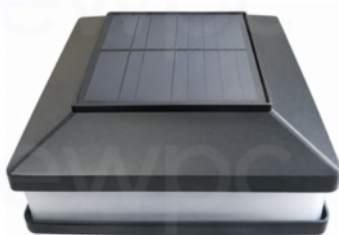
Base Cover

Post skirt trim



Post Cap

Plain



Post Cap - Solar

Integrated solar LED



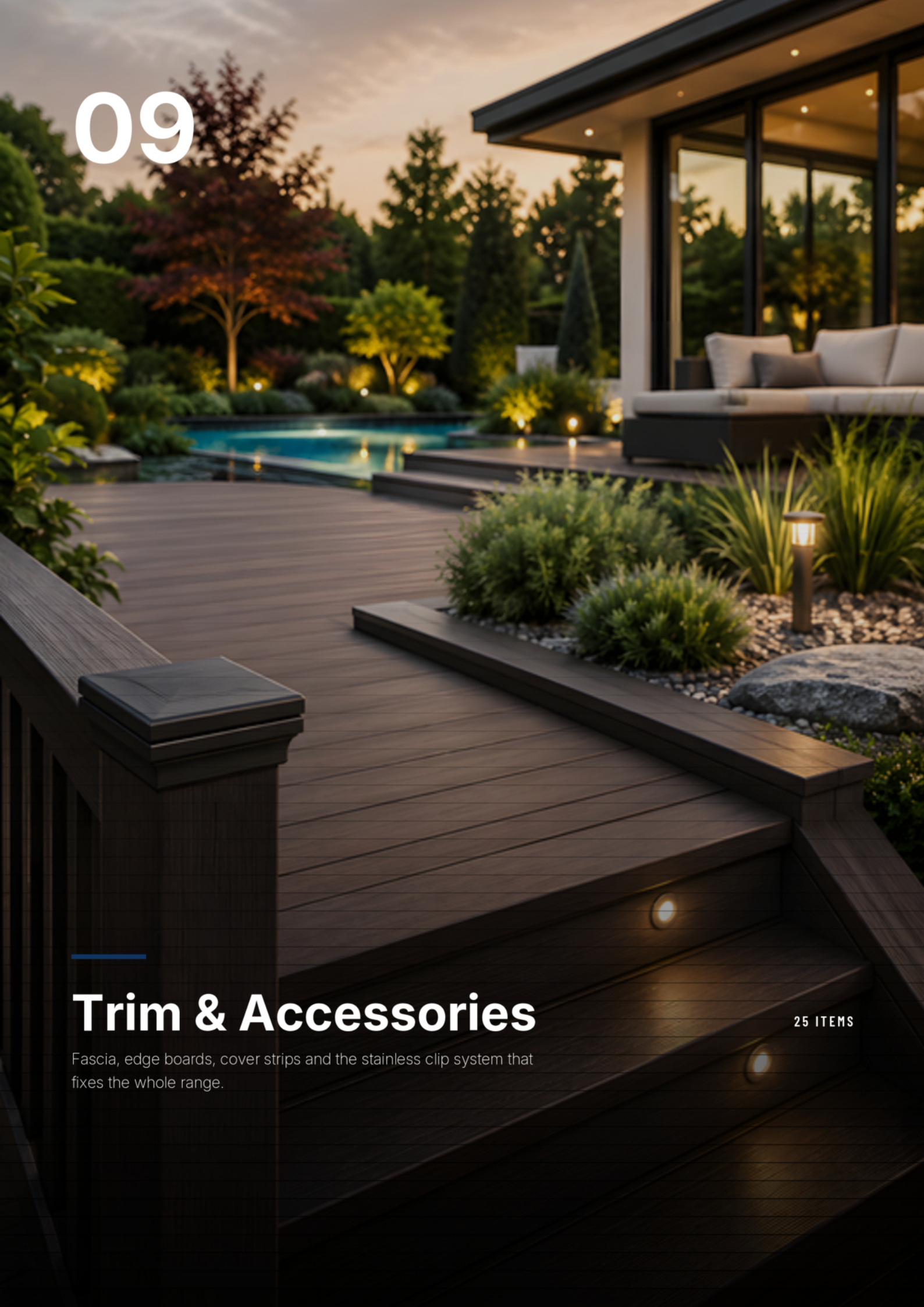
Post Cap - Wired

Low-voltage LED



Expansion Screws

Anchor set

A high-quality photograph of a modern outdoor deck at dusk. The deck is made of dark wood and features a built-in swimming pool, a lounge area with a sofa, and a garden bed with plants and rocks. The scene is illuminated by warm, ambient lighting, creating a serene and inviting atmosphere. The background shows a modern house with large glass windows and a well-manicured garden with various trees and shrubs.

09

Trim & Accessories

25 ITEMS

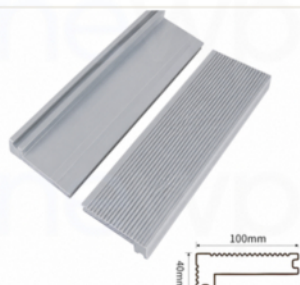
Fascia, edge boards, cover strips and the stainless clip system that fixes the whole range.

Fascia, trim & edge boards

Profiles that close an exposed edge, return a step or turn an external corner.



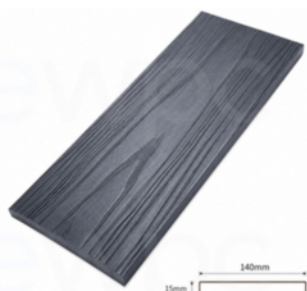
OW-A26001 70 x 10 mm
Fascia Trim Capped edge profile



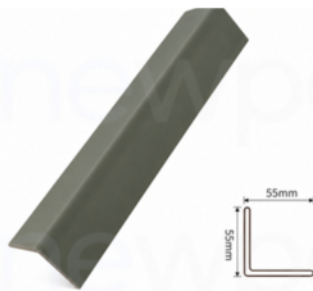
OW-A26002 100 x 40 mm
Step Riser Trim Returnleg profile



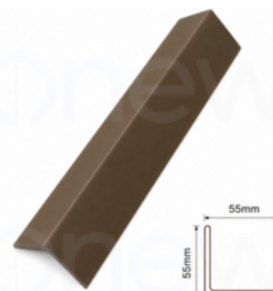
OW-A26003 120 x 10 mm
Flat Fascia Board Woodgrain face



OW-A26004 140 x 15 mm
Flat Fascia Board Woodgrainface



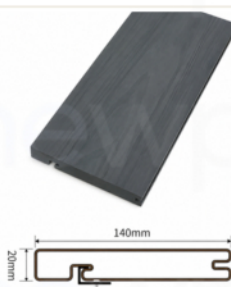
OW-A26005 55 x 55 mm
Corner Angle L-profile



OW-A26006 55 x 55 mm
Corner Angle L-profile



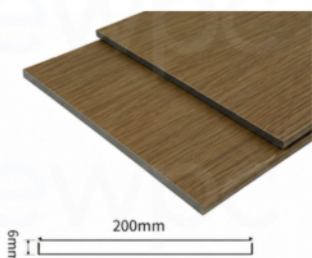
OW-A26007 140 x 22 mm
Edge Board Closed-enddeck edge



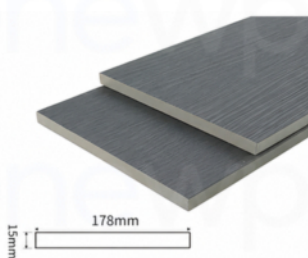
OW-A26008 140 x 20 mm
Edge Board Closed-end deck edge

Flat boards & deck clips

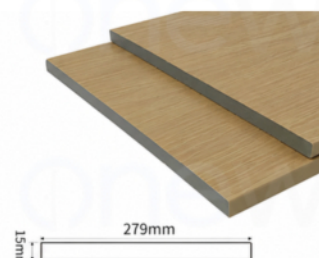
Cover strips, slats and wide planks, plus the stainless hidden-fix clips used across the decking range.



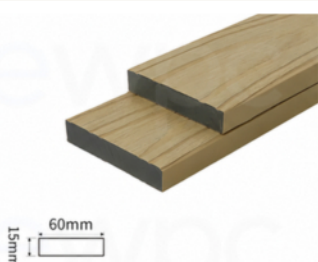
OW-A26009 200 x 6 mm
Cover Strip Ultra-thin overlay



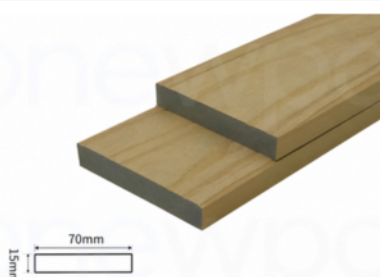
OW-A26010 178 x 15 mm
Flat Plank Dual-toneface



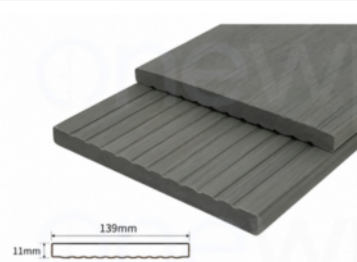
OW-A26011 279 x 15 mm
Wide Flat Plank Widest gauge



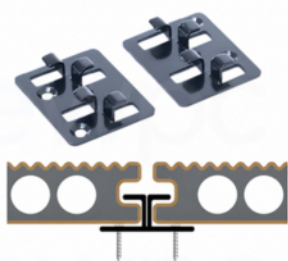
OW-A26012 60 x 15 mm
Narrow Slat Batten / infill



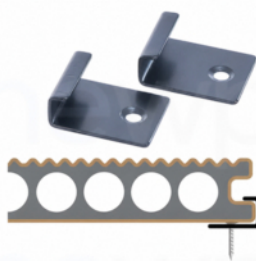
OW-A26013 70 x 15 mm
Narrow Slat Batten / infill



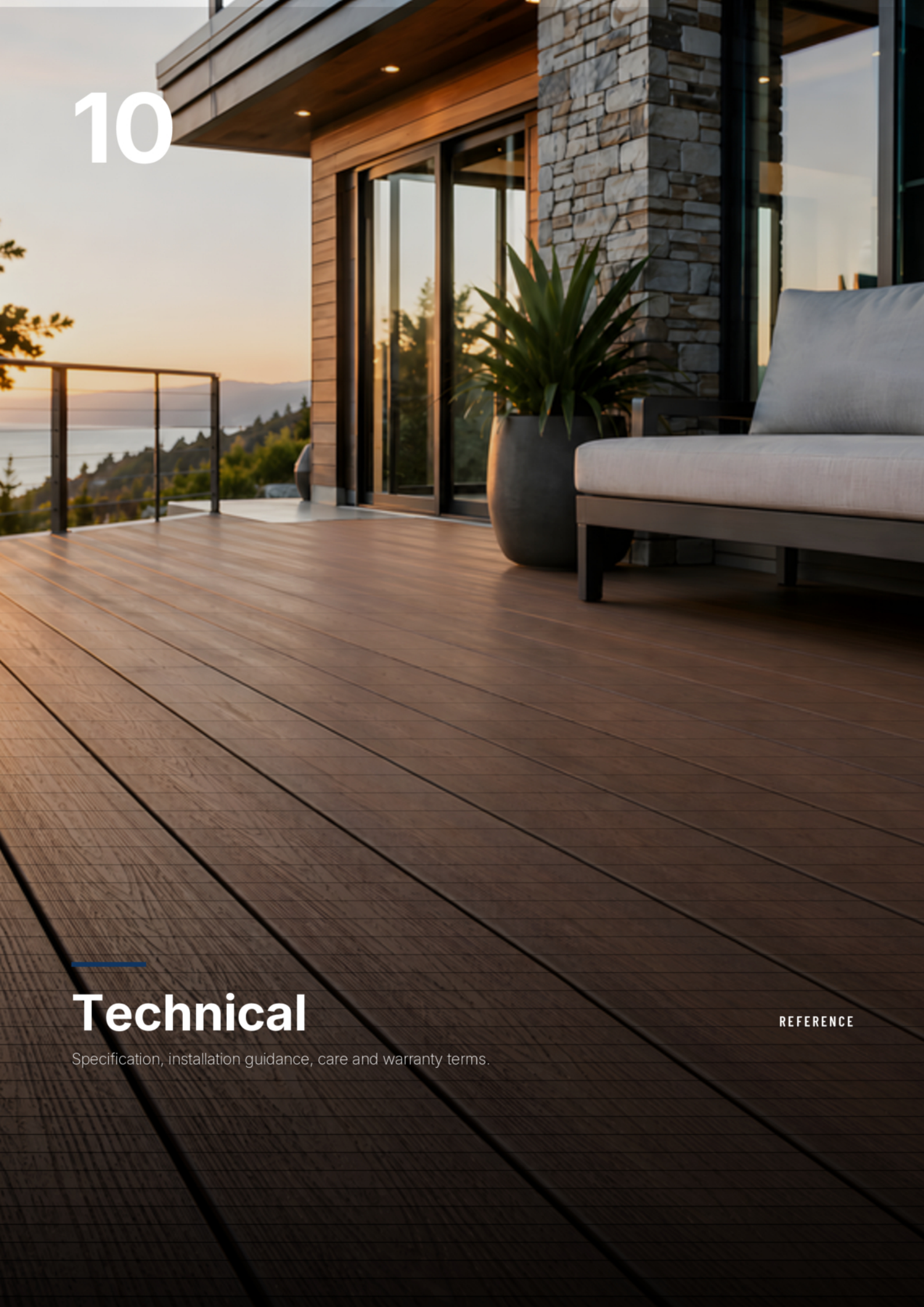
OW-A26014 139 x 11 mm
Slim Flat Plank Ribbed underside



OW-A26020 20 x 15 mm
Intermediate Deck Clip - hidden fix



OW-A26021 20 x 15 mm
Starter Deck Clip - stainless - perimeter



10

Technical

Specification, installation guidance, care and warranty terms.

REFERENCE

Specification

Indicative values for the co-extrusion range. Figures vary by profile and production batch-request a data sheet for the specified SKU.

Composition	Wood flour / HDPE / additives, co-extruded ASA or PE cap
Wood : Polymer	Approx. 60 : 40 by weight (core)
Density	1.28 - 1.45 g/cm3
Water absorption	< 0.8% (24h immersion)
Flexural strength	>= 24 MPa
Flexural modulus	>= 2,600 MPa
Slip resistance	R11 (wet, textured face)
Linear expansion	<= 2.0 mm/m over 40 C swing
Colour fastness	Grade 4-5 after 1,000h xenon-arc
Service temp.	-40 C to +60 C
Standard lengths	2,200 / 2,900 / 3,000 / 5,800 mm
Joist spacing	350 mm residential / 300 mm commercial
Board gap	5 - 8 mm side, 10 - 20 mm butt end
Fixing	Concealed stainless clip or face screw

CERTIFICATION & TESTING

Product is manufactured under ISO 9001 quality management. Boards are tested to the relevant parts of ASTM D7032, EN 15534 and ISO 16616 as required by destination market. Reports, SGS certificates and MSDS are available on request and are issued against the specific production lot supplied.

Installation

Composite moves. Almost every failed deck traces back to a missing expansion gap or a blocked cavity.

01 Prepare the base

Lay on a firm, free-draining base with a 1-2% fall away from the building. Never install directly onto soil, grass or a sealed tray that can hold water.

02 Set the joists

Space joists at 350 mm centres for residential loads, 300 mm for commercial or diagonal board layouts. Keep joists level and continuously supported.

03 Allow ventilation

Maintain a minimum 20 mm air gap beneath the boards and keep both ends of each cavity open so air can move freely under the deck.

04 Leave expansion gaps

Allow 5-8 mm between board sides and 10-20 mm at butt ends and perimeters. Gaps should be set larger when installing in cold weather.

05 Fix the boards

Start with a perimeter clip, then use intermediate clips at every joist. Do not over-tighten - the board must be free to move along its length.

06 Finish the edges

Close open ends and exposed edges with fascia, edge board or corner angle so the core is protected and the deck reads as a finished surface.

Before you start

Storeboards flat, off the ground and under cover. Let them acclimatise on site for at least 24 hours before cutting - and always dry-lay the first three boards to confirm colour blend across pallets.

Care & maintenance

Capped composite needs washing, not refinishing. Never sand, oil, stain or paint the surface.

Routine cleaning

Sweep loose debris and wash with warm water, mild soap and a soft brush. Rinse along the length of the grain, not across it.

Pressure washing

Keep below 1,500 psi with a fan tip held at least 300 mm from the surface. A concentrated jet held close will scar the cap layer.

Spills and stains

Clear food, oil and drink spills promptly. Most marks lift with warm soapy water; a dilute household degreaser handles the rest.

Ice and snow

Use a plastic shovel and calcium chloride based melt. Avoid metal blades and rock salt, which can abrade or discolour the surface.

Weathering

A slight lightening occurs over the first two to three months as the board settles to its final tone. This is normal and then stabilises.

Avoid

Solvent cleaners, acetone, bleach, wire brushes and abrasive pads. Never sand, oil, stain or paint a capped composite board.

WARRANTY

Warranty terms are issued per project and per product family, and are confirmed in writing on the order acknowledgement. Cover is conditional on installation in line with the guidance in this catalogue - in particular ventilation, joist spacing and expansion gaps.



ONEWPC

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Dimensions are nominal and stated in millimetres. Colour reproduction in print is indicative only - request physical samples before specifying. Products, profiles and specifications are subject to change without notice.