

ALSTONE[®]
WPC

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WPC

WPC
Decking, Cladding
& Timber Tube
Inovation
Profile

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**10 YEARS
WARRANTY**



Alstone WPC

Alstone WPC (Wood Polymer Composite) products are the perfect fusion of durability and elegance, offering a sustainable alternative to traditional wood. Crafted with precision, they resist moisture, termites, and fire, ensuring long-lasting performance. From doors to wall panels, Alstone WPC products are designed to withstand the test of time without compromising on style. Eco-friendly, low-maintenance, and aesthetically pleasing – Alstone WPC is where innovation meets nature.

WPC Features



Wood
Polymer
Composite

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DURABLE
ECO-FRIENDLY
COMPOSITE
KEEN DESIGN
INNOVATIVE
NATURAL LOOK
GREAT STRENGTH

Decking

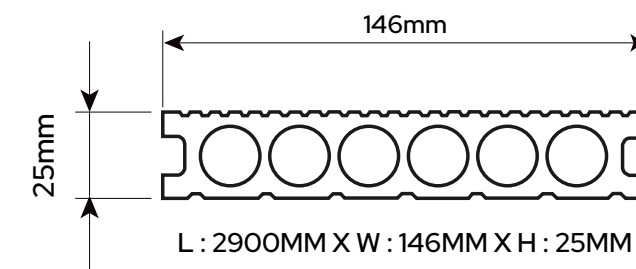
MAKING A STATEMENT

WPC decking (Wood Plastic Composite decking) is a durable, low-maintenance alternative to traditional wood decking, made from a blend of wood fibers and recycled plastic. It is resistant to moisture, insects, and fading, making it ideal for outdoor use while offering a natural wood-like appearance. Additionally, it is eco-friendly, easy to install, and comes in various colors and textures, providing both aesthetic appeal and long-lasting performance.

Specification

Hollow Deck

	SIZE
Thickness	25mm
Width	146mm
Length	2900mm
Colors*	Wooden Dew, Brazil Walnut, Berlin Wood, Nairobi Wood, Ash Wood, Oslo Wood, Deep Wood, Black Wood, Teak



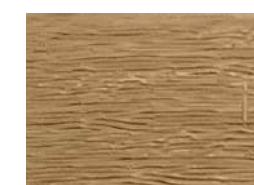
Shades



Wooden Dew



Brazil Walnut



Berlin Wood



Nairobi Wood



Ash Wood



Oslo Wood



Deep Wood



Black Wood



Teak

Features & Benefits

- Looks and feels like natural wood
- Durable and long lasting
- Wear proof-WPC never rots and wraps
- High capacity of UV-resistance, and color stability
- High resistant to moistures and termites
- Easy to be installed-low labor cost
- Requires no painting
- Low Maintenance
- Eco-Friendly, 100% recycled
- Barefoot friendly, anti-slip and no cracking
- Weather resistant suitable from -40 °C to 60 °C



Applications Area

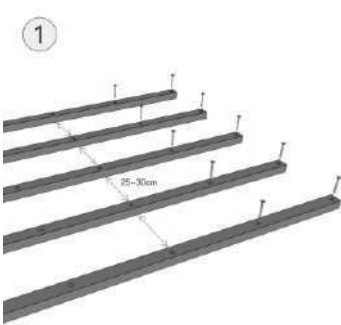
- Outdoor Decking
 - Swimming Pool Decking
 - Interior Wall Cladding
- Facade Wall Cladding
 - Ceiling Panel
 - Office Partitions

Comparison

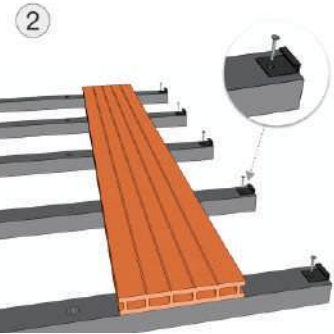
Features	Composite Decking	Wood Decking
Moisture	Water-Resistant	Water Absorption
Rotting	Termite Resistant	Special Treatment Required
Warping	Minimum Contraction of Expansion of WPC	Distortion Occurs Due to Moisture and Change in Temperature
UV Stability	Stable	High Affected by UV Rays
Fading	No Fading	Substantial Fading Occurs
Maintenance	Hardly Any Maintenance Required	Requires Staining and Painting for Protection on Regular Basis
Longevity	Our Product Can Last A Lifetime With Proper Installation	Approx 5 years if regularly maintained
Environment Impact	Recyclable	Involves deforestation



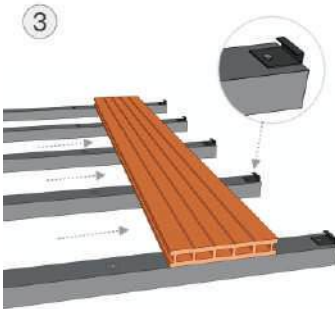
Installation Process



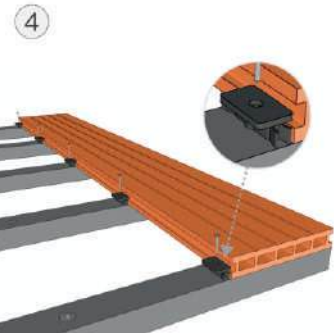
- Joist need to pre-drilling before fix the expansion screw.
- Spacing between joists should be 25-30cm.



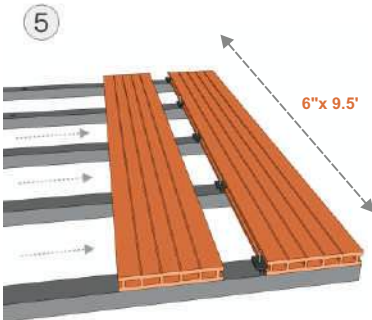
- Fix the starter clips on one side of the joist.
- Insert the decking into the starter clips, and install the first decking board.



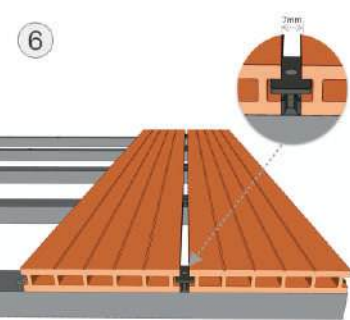
- Insert the clips in board and screw into joist.
- Fix the first Decking with the clips.



- Insert next row of clips securing board.
- Insert the Screw but do not tighten.



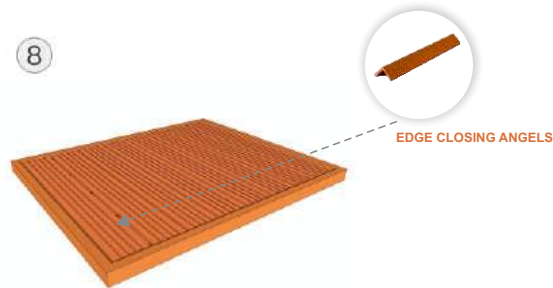
- Insert the second board into previous clips.
- Fix & tighten the screws.



- The spacing between decking should be 7mm.
- Fix the next decking and repeat this steps.



- Fix all the Decking with the help of clips.
- Fully tighten clips & screws.



- Finish the corner edging with the help of edge closing angels.
- Complete the Decking installation.

Composite
Layer
Against
Damage
Durable
Insulating
Natural Look
Guard

Cladding

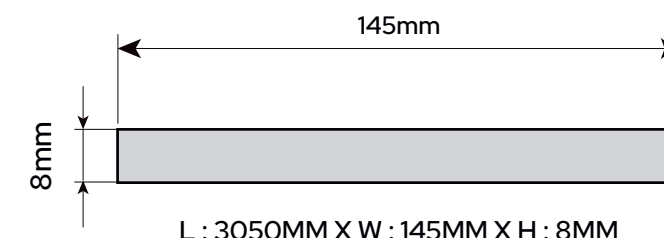
MAKING A STATEMENT

WPC (Wood Plastic Composite) cladding offers a modern, eco-friendly solution for exterior and interior surfaces. Combining the natural look of wood with the durability of plastic, it provides superior resistance to weather, moisture, and termites while requiring minimal maintenance. Ideal for both residential and commercial applications, WPC cladding enhances aesthetics while ensuring long-lasting performance.

Specification

WPC Cladding

	SIZE
Thickness	8mm
Width	145mm
Length	3050mm
Colors*	Wooden Dew, Brazil Walnut, Berlin Wood, Nairobi Wood, Ash Wood, Oslo Wood, Deep Wood, Black Wood, Teak



Shades



Features & Benefits

ANTI-SLIP SURFACE:

The surface texture can be engineered to provide a slip-resistant finish, making it safer for exterior applications in wet or high-traffic areas.

INSECT AND PEST RESISTANCE:

Unlike natural wood, WPC cladding is impervious to insects, termites, and other pests, ensuring a longer lifespan without the need for chemical treatments.

ACOUSTIC INSULATION:

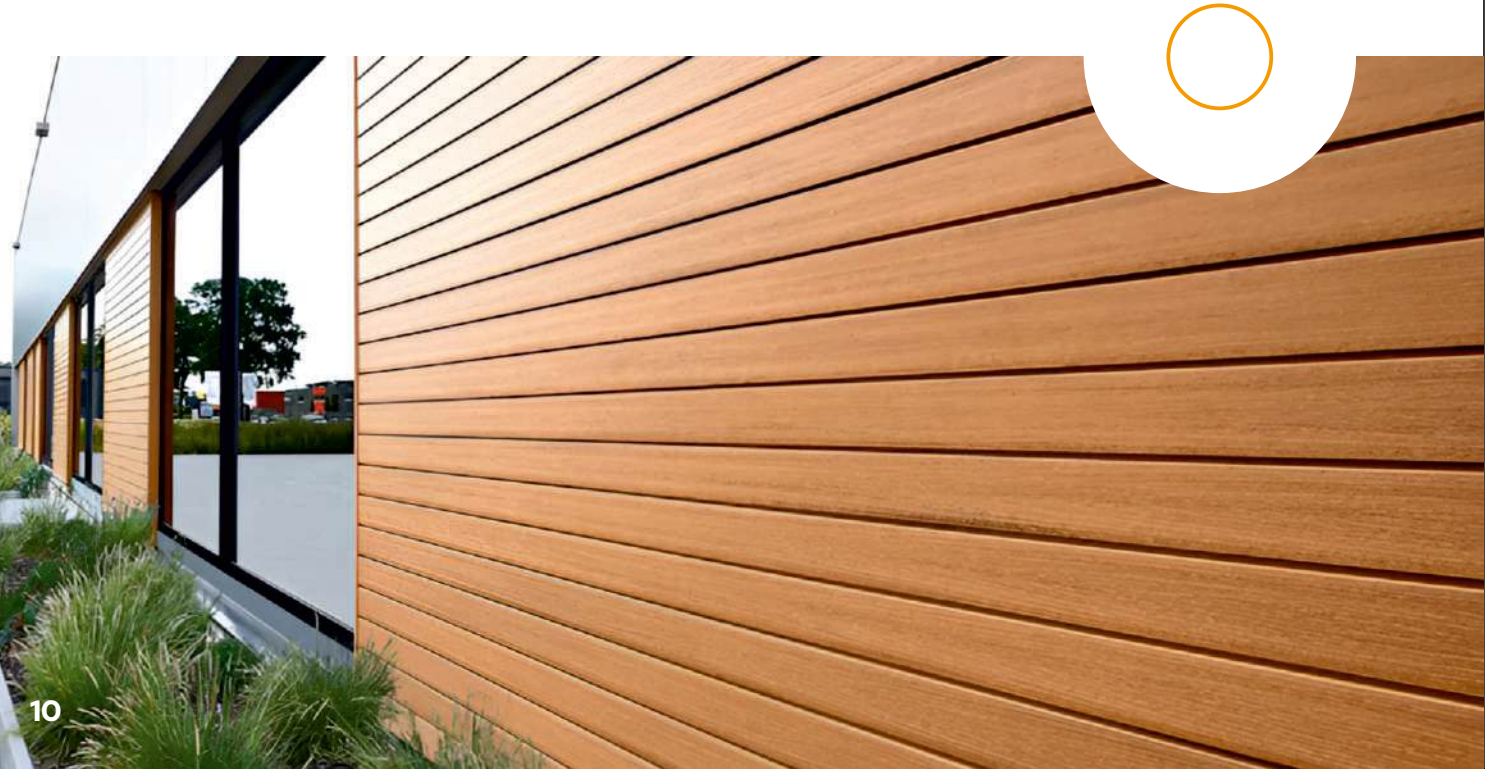
WPC cladding provides excellent sound insulation, making it ideal for reducing external noise in commercial and residential spaces.

Applications Area

- Exterior Facades
 - Balconies & Terraces
 - Boundary Walls & Fencing
 - Commercial Spaces
- Interior Accent Walls
 - Ceiling Panels
 - Garden & Patio Structures
 - Elevator Shafts & Columns

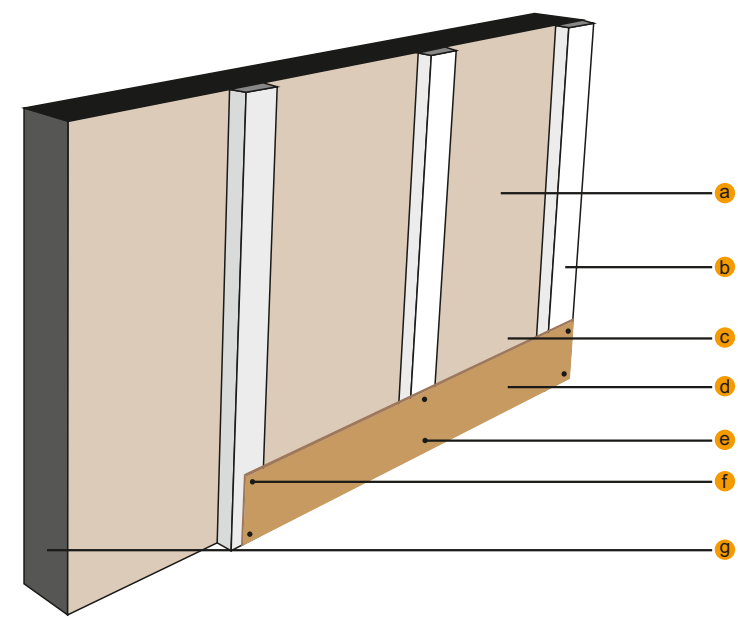
Comparison

Features	WPC Cladding	Wood Cladding
Moisture	Water-resistant, no swelling or warping	Absorbs moisture, prone to swelling and warping
Rotting	Termite and rot-resistant	Requires regular treatment to prevent rot and insect attacks
UV Stability	UV stable, minimal fading	High fading, requires periodic staining and sealing
Maintenance	Low maintenance, occasional cleaning	High maintenance, regular staining and painting required
Durability	Highly durable, can last decades	5-10 years with regular maintenance
Environment Impact	Eco-friendly, made from recycled materials	Contributes to deforestation, not eco-friendly
Fire Resistance	Fire retardant, higher safety rating	Susceptible to fire, requires treatment
Installation	Easy to install, lightweight	Heavier and more labor-intensive installation



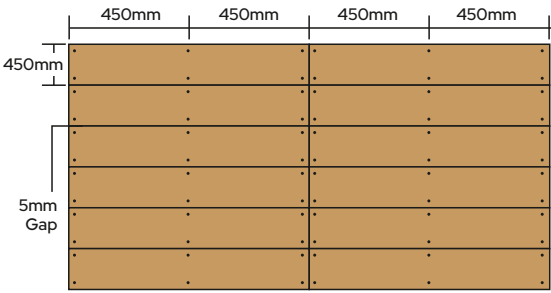
Installation Process

Exposed Fittings (Rivet)

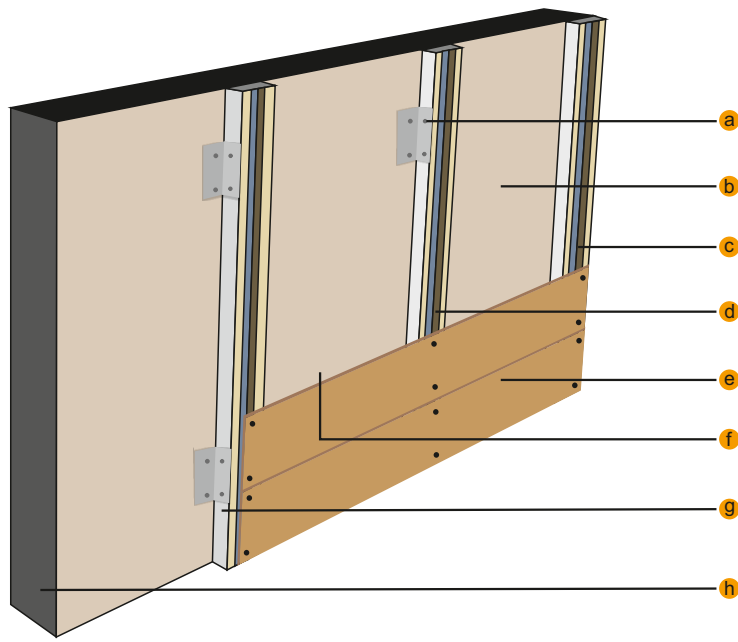


Box-Section Detail

- a. Load Bearing Wall
- b. Vertical Fixing Profile
- c. Air Cavity 20 mm (min.)
- d. Panel Thickness 8mm
- e. Rivet Hole Diameter
- f. Rivet
- g. Weather Resistive Barrier

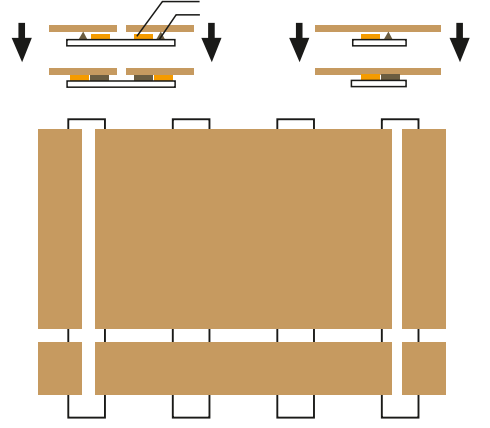


Adhesive System



Box-Section Detail

- a. Stainless Screw
- b. Weather Resistive Barrier
- c. Panel Fixing Tape
- d. Panel Adhesive
- e. Panel Thickness 8 mm
- f. Air Cavity 20 mm (min.)
- g. Vertical Fixing Profile
- h. Load Bearing Wall



Note: Proper Procedure must be followed for the application of glue.

Tough
Insulated
Material
Built
Efficiently
Resilient

Tubular
Unmatched
Build
Excellence

Timber Tube

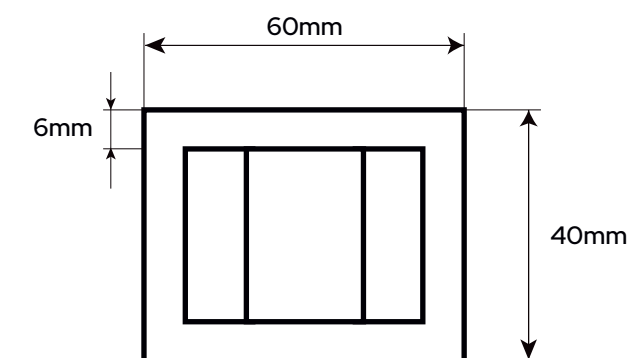
MAKING A STATEMENT

Alstone's WPC Timber Tube combines the natural aesthetics of wood with the durability of high-grade polymer. It is lightweight, weather-resistant, and termite-proof, making it ideal for structural and decorative applications in both interior and exterior spaces. Sustainable, stylish, and built to last – it's the smart choice for modern architecture. Its hollow core design reduces weight without compromising on strength, making it easy to handle and install.

Specification

Timber Tube

	SIZE
Thickness	6mm
Width	60mm
Length	2900mm
Colors*	Wooden Dew, Brazil Walnut, Berlin Wood, Nairobi Wood, Ash Wood, Oslo Wood, Deep Wood, Black Wood, Teak



L : 2900MM X W : 60MM X H : 40MM

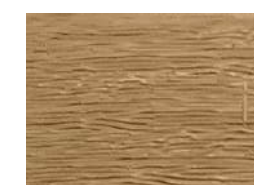
Shades



Wooden Dew



Brazil Walnut



Berlin Wood



Nairobi Wood



Ash Wood



Oslo Wood



Deep Wood



Black Wood



Teak

Features & Benefits

HOLLOW CORE STRUCTURAL DESIGN:

Unlike conventional solid wood or WPC profiles, Alstone WPC Timber Tube features a strategically engineered hollow core design that reduces weight without compromising on structural integrity. This not only makes it easier to handle and install but also enhances its load-bearing capacity, making it ideal for large-span applications like pergolas, canopies, and façade systems.

WEATHER-PROOF AND FADE-RESISTANT FINISH:

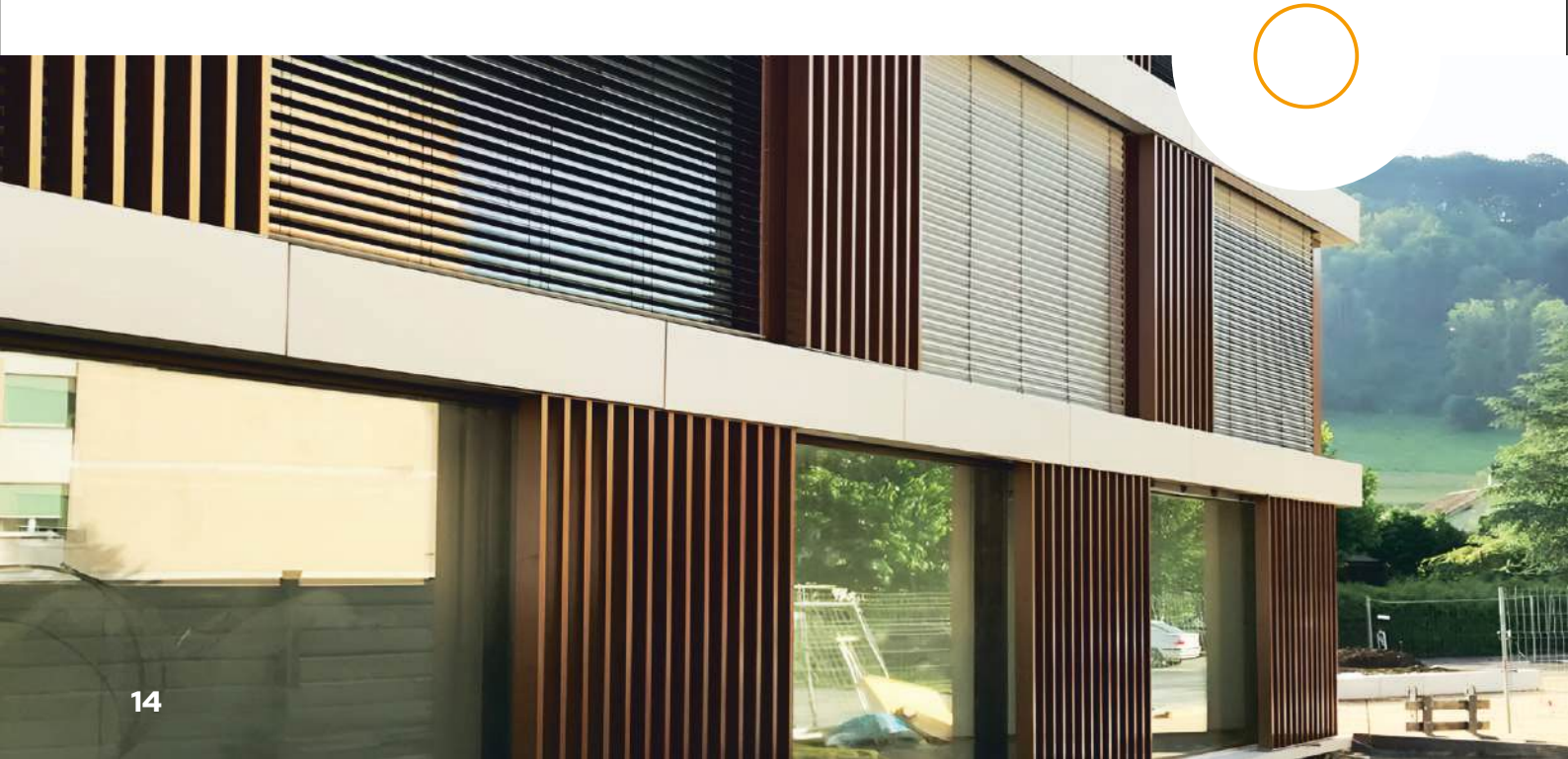
Alstone WPC Timber Tube's UV-resistant outer layer protects against weathering while maintaining its vibrant finish. It prevents cracking, peeling, and discoloration, making it ideal for long-lasting outdoor use. Plus, its low-maintenance surface ensures lasting beauty with minimal upkeep.

Applications Area

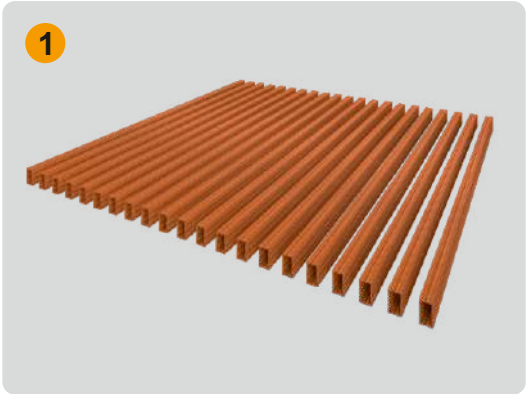
- Pergolas & Gazebos
 - Façade Cladding
 - Canopies & Awnings
 - Railing Systems
- Partition Walls & Screens
 - Fencing & Boundary Walls
 - Baffle Ceiling
 - Outdoor Seating & Benches

Comparison

Features	WPC Timber Tube	Wood Timber Tube
Moisture	Water-resistant, no swelling or warping	Absorbs moisture, prone to swelling and warping
Rotting	Termite and rot-resistant	Requires regular treatment to prevent rot and termite attacks
UV Stability	UV-resistant, maintains color and finish	Fades over time, requires periodic staining and sealing
Maintenance	Low maintenance, easy cleaning	High maintenance, regular staining and painting required
Durability	Highly durable, can last decades	5-10 years with regular maintenance
Environment Impact	Eco-friendly, made from recycled materials	Natural material, but contributes to deforestation
Fire Resistance	Fire retardant, higher safety rating	Susceptible to fire, requires treatment
Installation	Lightweight, easy to install	Heavier and more labor-intensive installation



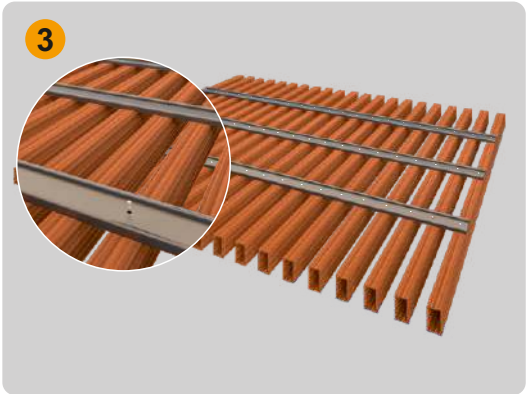
Installation Process



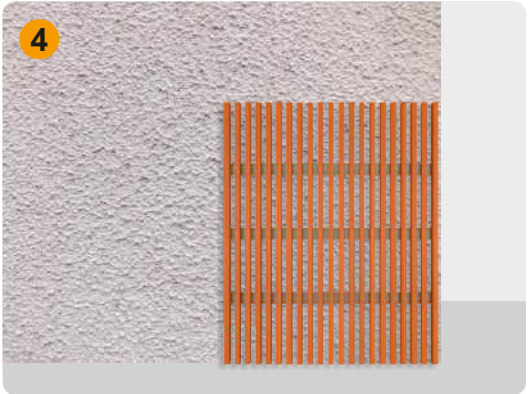
Arrange timber tubes in the same length on the ground, evenly spaced, as a single assembly.



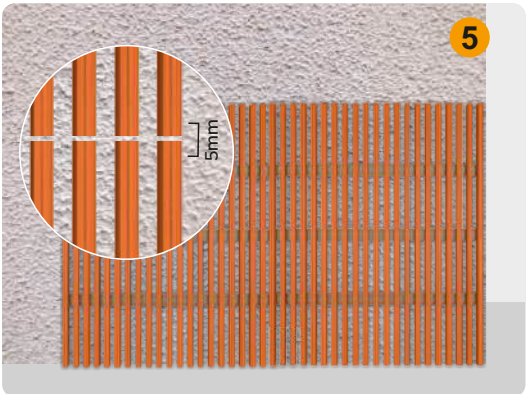
Place the metal plate in the middle, perpendicular to the timber tubes, and pre-drill pilot holes on the timber tubes with M5 drill bits. More metal plates can be added near the ends if necessary to secure the assembly, the spacing between metal plates should be 650 mm.



Fix the metal plates to the timber tubes with rivets.



Fix the square to the wall with ribbed anchors. Note: To avoid deformation and ensure satisfactory installation, each assembly should be wholly lifted with a crane when fixed onto the wall.



Continue installing the rest timber tube squares. Note: Keep an expansion gap of 5 mm between adjacent squares.