

PRODUCT FAMILY DATASHEET

Outdoor WPC Wall Panels

Exterior cladding boards in 219x26mm and 156x21mm sections at 2900mm, made from 60% wood fibre with recycled HDPE and finished with a co-extruded fade resistant skin.



What This Family Is For

Two board sections for two facade rhythms. The 219mm board covers elevation area fast with a strong shadow line; the 156mm board gives more lines per square metre for smaller elevations and garden walls. Both resist UV, moisture and termites.

Products In This Family

Product	Group	Summary
Outdoor WPC Wall Panels	Wall Panels	Outdoor WPC wall panels 219x26mm at 2900mm, 60% wood fibre with recycled HDPE and co-extruded fade resistant surface. Exterior cladding for villas hotels offices.
Outdoor WPC Wall Panel Cladding	Wall Panels	Outdoor WPC wall panel cladding 156x21mm at 2900mm, high density co-extruded wood plastic composite with UV acid alkali and insect resistance for building facades.

Published Specification

Property	Value
Type	Outdoor WPC Wall Panel
Dimension	219x26mm or customized
Length	2900mm or customized
Material	Wood and plastic composite, 60% wood fibre with recycled HDPE
Process	Co-extrusion
Performance	Moisture proof, water resistant, waterproof, eco-friendly, fireproof, anti-termite

Figures are reproduced from the manufacturer's published specification and may be revised. Rows reading 'not published' are figures the source specification does not publish; they are confirmed in writing rather than estimated. Confirm the current revision with your quotation.

Why Buyers Choose This Range

- Co-extruded surface layer laid down in the same pass as the core, not bonded afterwards
- 60% wood fibre with recycled HDPE for sustainable specification
- Two sections, 219x26mm and 156x21mm, sharing the same fixing approach
- Moisture proof, UV resistant, acid and alkali resistant and insect resistant
- Wood grain and fluted surface designs

Problems It Solves

- Timber cladding that needs repainting and board swaps every few years
- Colour fading and chalking within the first summer of exposure
- Termite and moisture damage at the base of an elevation
- Facade maintenance budgets the building owner never approves

Who It Is For

- Facade contractors cladding villas, hotels and offices
- Developers looking for a wood look without a maintenance programme
- Cladding importers stocking two board widths
- Landscape contractors lining courtyard and boundary walls

Application Scenarios

- Villa and house facades
- Hotel and restaurant exteriors
- Office building cladding
- Courtyard and boundary walls
- Balcony and terrace wall linings

Materials

- 60% wood fibre with recycled HDPE in the board body.
- Co-extruded weather skin over the composite, applied in the same pass.
- Wood grain and fluted surface designs on the 219x26mm section.

Manufacturing Process

1. Extrusion - The wood flour and polymer compound is extruded through the profile die and pulled to the published section.
2. Co-extrusion - The weather resistant skin is co-extruded onto the board body in the same pass as the core.
3. Inspection - Section, colour and surface are checked against the order spec during the run, not only at the end.
4. Packing and loading - Boards are bundled, film wrapped or cartoned and palletised for container loading.

Customisation Options

- Board section and length outside the standard 219x26mm at 2900mm
- Wood grain or fluted surface design

- Colour matched to your facade scheme
- OEM packaging and project sample boards

Certification Standards

Production follows . Certificates are sent per model and destination market on request.

Questions Buyers Ask

Which board section should I use?

219x26mm for large elevations that want a bold shadow line, 156x21mm where a finer rhythm suits the building or the wall is small.

Do the boards fade?

They are co-extruded for fade resistance. Any exterior surface settles slightly in the first months and then holds.

What is the material blend?

60% wood fibres with recycled HDPE, extruded as one board.

Do I need a ventilated cavity?

Fix to a batten or aluminium substructure with a drainage cavity behind the boards and expansion gaps at board ends.

Can you match a facade colour?

Send a sample or photo and we will match as closely as the extrusion colour range allows.

WOOCAN GROUP LTD | Shandong, China | admin@woocanwood.com | www.woocanwood.com