

PRODUCT FAMILY DATASHEET

Outdoor Flooring

WPC decking boards in a 140x25mm section at 2.4, 2.9, 3 and 5.4m lengths, made from 30% HDPE, 60% wood fibre and 10% additive.



What This Family Is For

Decking that keeps the grain and footfeel of timber and drops the maintenance programme. The wood flour is locked inside a plastic matrix, so the board does not drink water, cup, splinter or feed termites.

Products In This Family

Product	Group	Summary
WPC Decking	Flooring	WPC decking boards in 140x25mm, 2.4 to 5.4m lengths, 60% wood fibre and 30% HDPE. Moisture proof, UV and termite resistant composite decking for export projects.

Published Specification

Property	Value
Type	WPC Outdoor Decking
Dimension	140x25mm or customized
Length	2.4 / 2.9 / 3m / 5.4m or customized
Material	30% HDPE, 60% wood fibre, 10% additive
Process	Extrusion
Performance	Moisture proof, water resistant, waterproof, eco-friendly

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

- Moisture proof and water resistant through the board, not as a coating
- UV and termite resistant
- Fixed 140x25mm section with four stock lengths
- Hollow chambered profile lowers weight per square metre
- Recyclable HDPE and wood fibre content

Problems It Solves

- Timber decking cupping and splintering within two seasons
- Annual oiling and sanding costs nobody budgeted for
- Termite and rot damage in humid and coastal installations
- Inconsistent timber dimensions slowing installation

Who It Is For

- Landscape and outdoor contractors
- Hotel and resort project buyers
- Building material importers stocking decking
- Outdoor furniture and terrace builders

Application Scenarios

- Hotel pool decks and roof terraces
- Garden decks and balconies
- Boardwalks and promenades
- Restaurant outdoor seating
- Villa landscaping and pergola floors

Materials

- 30% HDPE, 60% wood fibre and 10% additive, mixed and extruded as one board.
- Hollow chambered section, which is where the weight saving over solid timber comes from.
- Embossed and brushed wood grain surfaces available on the same body.

Manufacturing Process

1. Extrusion - The wood flour and polymer compound is extruded through the profile die and pulled to the published section.
2. Inspection - Section, colour and surface are checked against the order spec during the run, not only at the end.
3. Packing and loading - Boards are bundled, film wrapped or cartoned and palletised for container loading.

Customisation Options

- Board length cut to your project run instead of stock lengths
- Wood grain embossing and brushed surface options
- Colour matched to your sample or existing installation

- OEM packaging, labelling and barcode

Certification Standards

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

Questions Buyers Ask

What is the board section?

140x25mm, or customized.

Which lengths are stock?

2.4m, 2.9m, 3m and 5.4m, or cut to your run.

What is the material composition?

30% HDPE, 60% wood fibre and 10% additive.

Does it need oiling?

No. Clean it with water and a soft brush.

How is it fixed?

Over a levelled joist grid with clips at the board edges, with expansion gaps at board ends.

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