

PRODUCT FAMILY DATASHEET

SPC Flooring

Stone plastic composite rigid core flooring, six layers, 4.0 to 8.0mm thick in 183mm and 230mm widths, with a unilin click joint, a wear layer to 0.7mm and a UV coating.



What This Family Is For

The floor for rooms where water is a given. The PVC and stone powder core does not absorb water, carries no plasticiser, and is rigid enough to bridge the small substrate defects that make flexible vinyl telegraph every bump.

Products In This Family

Product	Group	Summary
SPC Flooring	Flooring	SPC flooring 4.0-8.0mm in 183mm and 230mm widths, six layer stone plastic composite with unilin click and UV coating. Waterproof rigid core flooring for export.

Published Specification

Property	Value
Type	SPC Stone Plastic Composite Flooring
Thickness	4.0 / 5.0 / 6.0 / 7.0 / 8.0mm
Width	183mm and 230mm
Wear layer	up to 0.7mm
Structure	6 layers: PVC balance sheet, fibreglass, PVC middle layer with unilin click, decor film, wear layer, UV coating
Material	PVC blended with natural stone powder, no plasticiser

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

- Stone powder core bridges minor substrate unevenness
- No plasticiser in the core, unlike regular vinyl
- Unilin click joint installs without adhesive
- Thickness from 4.0mm to 8.0mm, widths 183mm and 230mm
- UV coating over the wear layer

Problems It Solves

- Laminate swelling and lifting at the joints after a spill
- Vinyl sheet telegraphing every bump in the subfloor
- Plasticiser content failing indoor environmental requirements
- Glue down installs making future board replacement expensive

Who It Is For

- Flooring importers stocking a rigid core line
- Project buyers fitting kitchens, bathrooms and basements
- Landlords and pet households needing a spill tolerant floor
- Retail and light commercial fit-out contractors

Application Scenarios

- Kitchens and bathrooms
- Basements and utility rooms
- Rental apartments and pet households
- Retail and light commercial floors
- Hotel rooms

Materials

- PVC blended with natural stone powder, with no plasticiser in the core.
- Virgin PVC balance sheet on the underside of the board.
- Fibreglass layer between the balance sheet and the middle layer.
- Decorative paper film, abrasion resistant paper and a UV coating on the face.

Manufacturing Process

1. Extrusion - The wood flour and polymer compound is extruded through the profile die and pulled to the published section.
2. Hot and cold pressing - The decor veneer is laminated to the panel face and bonded under hot then cold pressing.
3. UV coating - The UV coating is applied over the wear layer and cured in line.
4. Inspection - Section, colour and surface are checked against the order spec during the run, not only at the end.
5. Packing and loading - Boards are bundled, film wrapped or cartoned and palletised for container loading.

Customisation Options

- Thickness selected from 4.0mm to 8.0mm for your traffic and substrate
- 183mm or 230mm plank width
- Decor film matched to your collection
- OEM packaging and retail display samples

Certification Standards

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

Questions Buyers Ask

Which thickness should I order?

4.0 to 8.0mm are available. Thinner boards suit flat substrates and lighter traffic; 6.0mm and above give more rigidity.

Is it really waterproof?

The core is PVC and stone powder, which does not absorb water. That is why it is used in kitchens, bathrooms and basements.

Does it contain plasticiser?

No.

What widths do you run?

183mm and 230mm.

How does it install?

As a floating floor with the unilin click joint, over a clean dry substrate with a perimeter expansion gap.

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