

PRODUCT FAMILY DATASHEET

PS Wall Panel

Polystyrene 3D wall panels in 150x12mm and 160x10mm profiles at 2.9m, with printed woodgrain surfaces and a surface treatment that deepens the grain.



What This Family Is For

The lightweight option in the wall panel range. PS panels cut with a hand saw, fix with adhesive and face a TV wall or a hotel corridor in a day, with waterproof, flame retardant and formaldehyde free performance for dry interior walls.

Products In This Family

| Product          | Group       | Summary                                                                                                                                                         |
|------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PS 3D Wall Panel | Wall Panels | PS 3D wall panels in 150x12mm and 160x10mm, 2.9m length, polystyrene with woodgrain finish. Waterproof formaldehyde free fluted panels for TV walls and hotels. |

Published Specification

| Property    | Value                                                                      |
|-------------|----------------------------------------------------------------------------|
| Type        | PS 3D Wall Panel                                                           |
| Dimension   | 150x12mm, 160x10mm or customized                                           |
| Length      | 2.9m or customized                                                         |
| Material    | PS polystyrene, multiple woodgrain tones                                   |
| Performance | Waterproof, flame retardant, mildew proof, insect proof, formaldehyde free |
| Application | Living room, bedroom, dining room, TV wall, hotel                          |

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

- Polystyrene body light enough for one installer
- Two profiles, 150x12mm and 160x10mm
- 2.9m length covers most room heights in one piece
- Waterproof, flame retardant, mildew proof, insect proof and formaldehyde free
- Adds sound insulation to hard walled rooms

## Problems It Solves

- Solid wood slat walls that cost too much and move with humidity
- Heavy panels needing two installers and mechanical fixing
- Hard acoustics in tiled and plastered rooms
- Feature walls that cannot be built while a room stays in use

## Who It Is For

- Decoration material retailers selling to installers
- Interior contractors building feature walls at speed
- Hotel maintenance teams refreshing corridors
- Distributors wanting a low cost wood look line

## Application Scenarios

- TV feature walls
- Living rooms and bedrooms
- Dining rooms
- Hotel corridors and rooms
- Retail and office accent walls

## Materials

- PS polystyrene extruded into the 150x12mm and 160x10mm fluted sections.
- Printed wood grain surface with a surface treatment that deepens the grain.
- Multiple woodgrain tones on the same profile.

## 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

- Profile dimensions outside the two standard sections
- Length cut to your ceiling height
- Woodgrain tone selected from the available range

- OEM packaging and display samples

## **Certification Standards**

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

## **Questions Buyers Ask**

### **What profiles do you run?**

150x12mm and 160x10mm, or customized.

### **What is the standard length?**

2.9m, or cut to your ceiling height.

### **What is the panel material?**

PS, polystyrene, in multiple woodgrain tones.

### **How does it compare with WPC fluted panels?**

PS is lighter and cheaper per metre and suits dry interior walls; WPC is more robust for commercial traffic.

### **Is it formaldehyde free?**

Yes, along with waterproof, flame retardant, mildew proof and insect proof performance.

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