

PRODUCT FAMILY DATASHEET

Bamboo Charcoal Wall Panel

Formaldehyde-free and VOC-free interior panels of bamboo powder, wood fibre and recyclable PVC, 5mm and 8mm thick at 1220 x 1440mm, with a bamboo charcoal core that absorbs odours.



What This Family Is For

This is the panel to specify when indoor air quality is written into the brief. The charcoal core absorbs odours and pollutants, and the panel is water and mildew resistant, which is what keeps it flat in a humid climate where paint and wallpaper fail.

Products In This Family

Product	Group	Summary
Bamboo Charcoal Wall Panel	Wall Panels	Formaldehyde-free bamboo charcoal wall panels in 5mm and 8mm, 1220x1440mm. Bamboo powder wood fibre and recyclable PVC, waterproof and mildew proof interior panels.

Published Specification

Property	Value
Type	Bamboo Charcoal Wood Veneer Wall Panel
Thickness	5mm, 8mm
Size	1220 x 1440mm, customized
Material	Bamboo powder, wood fibre and recyclable PVC
Performance	Waterproof, flame retardant, mildew proof
Emissions	Formaldehyde-free, VOC-free

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

- Formaldehyde-free and VOC-free composition
- Bamboo charcoal core absorbs odours and airborne pollutants
- Water resistant and mildew resistant for humid climates
- Seamless pattern matching between panels
- 5mm and 8mm thicknesses for different trim details

Problems It Solves

- Formaldehyde emission limits that rule out conventional composite panelling
- Paint and wallpaper blistering and growing mildew in humid rooms
- Visible seams between panels spoiling a feature wall
- Wet trades holding up a tight fit-out programme

Who It Is For

- Hotel fit-out buyers working to indoor air quality criteria
- Clinic and wellness space contractors
- Decoration material distributors in humid climates
- Interior contractors replacing painted and papered walls

Application Scenarios

- Hotel guest rooms and lobbies
- Bedrooms and living rooms
- Clinics and wellness spaces
- Offices and meeting rooms
- Humid climate interiors

Materials

- Bamboo powder, wood fibre and recyclable PVC pressed as one panel.
- Bamboo charcoal core that absorbs odours and airborne pollutants.
- Surface films imitating marble and wood with seamless pattern matching.

Manufacturing Process

1. Hot and cold pressing - The decor veneer is laminated to the panel face and bonded under hot then cold pressing.
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

- Surface decor imitating marble, wood and other finishes
- Panel length outside the standard 1440mm
- 5mm or 8mm thickness to suit your trim system

- OEM packaging and sample boards

Certification Standards

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

Questions Buyers Ask

What thicknesses are available?

5mm and 8mm.

What is the panel size?

1220mm wide by 1440mm long, and other lengths are customizable.

Does it emit formaldehyde?

No. The panels are formaldehyde-free and VOC-free.

Can the surface imitate marble?

Yes. From marble to wood, the surface can be customized to imitate a range of materials with seamless patterns.

Is it suitable for a bathroom wall?

It is water resistant and mildew resistant. Send us the room condition and we will confirm whether it fits your case.

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