Catalog

PVC Partition panel

Catalog

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Foreword

Dear Valued Customer,

Welcome to the product catalog for Jianmu Double-Sided PVC Partition Panels—an innovative solution for modern interior space division.

Since our inception in early 2024, we have remained committed to the core philosophy of "New Materials, New Designs," continuously launching innovative products that help bring modern, distinctive design projects to life. Jianmu Double-Sided PVC partition panels perfectly integrate advanced manufacturing techniques.

This product combines exquisite craftsmanship with superior aesthetics. Constructed from robust double-sided panels and a high-quality PVC support structure, our panels strike the perfect balance between durability, visual appeal, and cost-effectiveness. We offer a wide range of colors and finishes—from realistic wood grains to contemporary styles—to meet diverse interior décor needs. Beyond their attractive appearance, these panels are moisture-resistant, pest-resistant, and mold-resistant, offering exceptional durability and low long-term maintenance costs.

Explore the Jianmu Double-Sided PVC partition panel series, and let us work together to create your ideal space!

-JIANMU

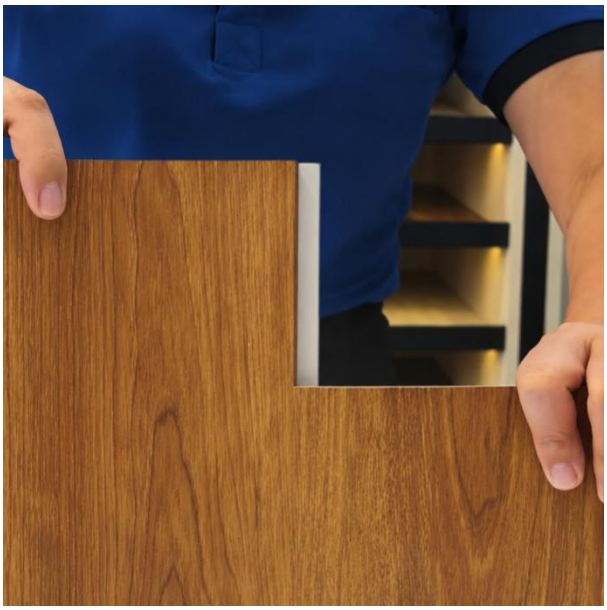
Advantage

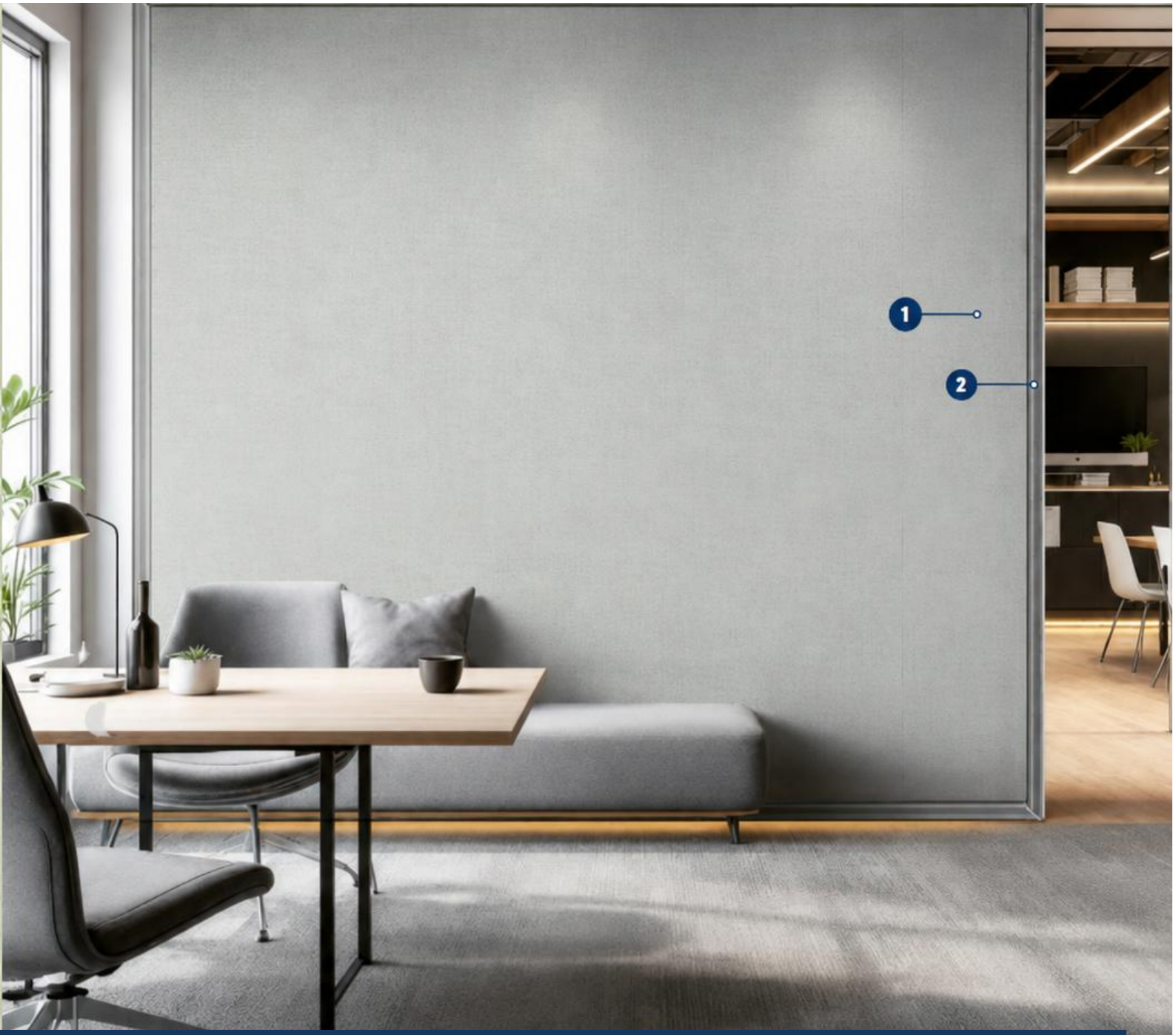
PVC Partition panel

These robust double-sided partition panels feature a surface lamination process that creates a seamless wall texture, combining aesthetic appeal with durability. Equipped with a tongue-and-groove locking system, they allow for extensive joining with completely invisible seams.

PVC Divider Slide Rail

The partition base is designed with a groove, allowing the partition panel to be fully inserted and securely fixed to the wall, ceiling, or floor.





Installation positions of the partition panel and partition base

1

PVC partition panel

2

PVC Divider Slide Rail

Structural Composition

1 Surface Protection Layer

The surface protection layer offers scratch resistance, withstands daily physical impacts, is easy to clean, and effectively prevents color fading.

2 Decorative Layer (0.12–0.16 mm)

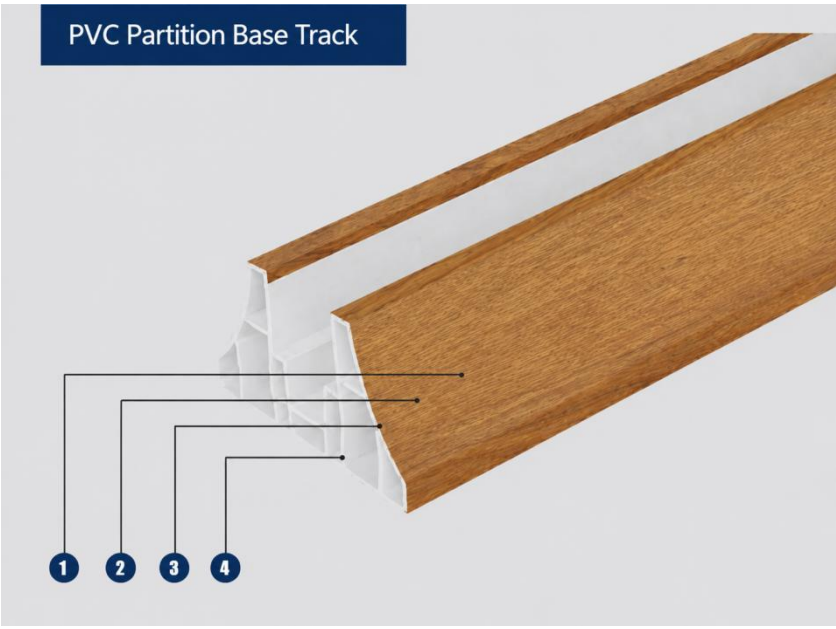
The partition panel surface is covered with a PVC film; its textured finish adds a unique visual highlight to various spaces.

3 PUR Adhesive Layer

The PUR adhesive layer tightly bonds all product layers together, ensuring rapid structural stability.

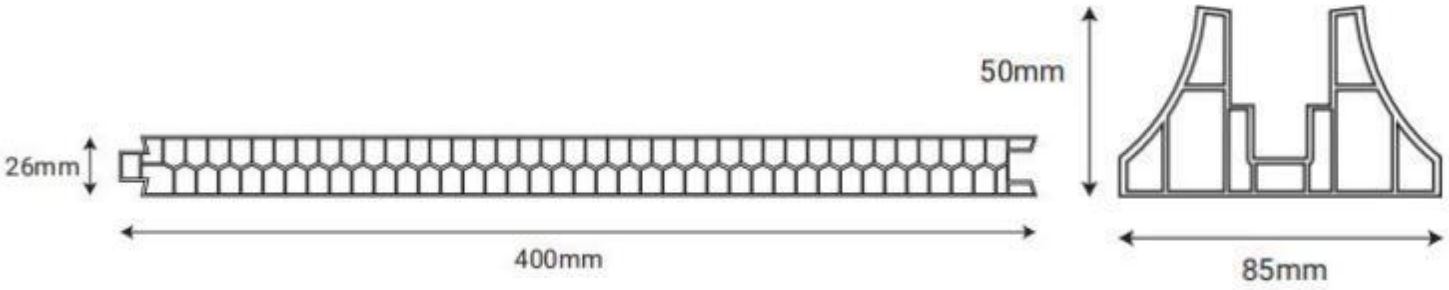
4 SPC Core Layer

The core features a porous structure composed of 40% polystyrene and 60% other materials (stone powder and additives).



Technical Specifications

Technical Specifications for PVC Partition Panel



Standard Item	PVC Partition Panel	PVC Partition Base Track
Dimensions	400 × 26 × 3000 mm	85 × 50 × 3000 mm
Weight	11 kg/m² 3 m piece: 13.2 kg 3.5 m piece: 15.4 kg	1.2 kg/m 3 m piece: 3.6 kg 3.5 m piece: 4.2 kg
Packing Quantity	3 pieces per box	6 pieces per box
Features	Waterproof, fireproof, insect-proof; excellent sound insulation; thermal insulation	Waterproof, fireproof, insect-proof
Load Capacity	300 kg/m²	None
Raw Material Composition	40% PVC + 60% Other (Stone Powder + Additives)	
Decorative Film Thickness	Thickness: 0.16 mm	
Locking System	Tongue-and-Groove	
Fire Rating	B1 Standard	
Formaldehyde Emission	E1 Standard	
Shrinkage Rate	0.05%	
Service Life	15–20 Years	

Finished Product Showcase

Thermal insulation layer

Creates a comfortable indoor environment and helps reduce the energy consumption of air conditioning systems.

Sound Insulation

Provides a quiet, private space conducive to focused work and relaxation.

Health-Safe

Safe for human health and compliant with E1-grade formaldehyde emission standards.

Fire Resistance

Meets B1-grade flame retardancy standards.

Water and Moisture Resistance

Waterproof and easy to clean.

Easy Installation

Features a snap-lock design for quick and simple installation.

Cost and Time Efficiency

Saves on construction costs and time.

"Made in China" Partition Panel Series

Color code 906 - Orange-yellow

Color code 912 - light oak

"Made in China" Discrete Panel Series

Color code 913 - Dark Oak

Color code 916 - White paper pellets

"Made in China" Partition Panel Series

Color code 922 - Light gray

Color code 924 - Cream-colored fabric texture

TEST REPORT RESULTS

JIANMU BEARING FLOOR

FIRE PERFORMANCE TEST RESULT

NOA

Test results:

No.	Test items		Standard value	Test results	Detection method	Judgment
1	Monomer combustion test	Combustion growth rate index $FIGRA_{0.2MJ}$, W/s	≤120	103	EN 13823-2020+A1: 2022	Qualified
		The flame spreads horizontally less than the sample edge, LFS	Yes	Yes		Qualified
		Total heat release in 600s THR_{600s}, MJ	≤7.5	6.3		Qualified
2	smoking performance	Flue gas generation rate index SMOGRA, m^2/s^2	≤180	44	EN 13823-2020+A1: 2022	S2
		Total smoke output in 600s TSP_{600s}, m^2	≤200	112		
3	Burning droplets/ particles	Whether there are any combustion droplets/particles within 600s	NO	NO	EN 13823-2020+A1: 2022	d0
4	Flammability	Ignition time 30s, flame tip height 60s Fs, mm	≤150	<150	EN ISO 11925-2: 2026	Qualified
		Whether there is the phenomenon of burning drips igniting filter paper in 60s	NO	NO		Qualified

Description:

FORMALDEHYDE EMISSION TEST RESULT

STC

Test Report

Date : 2026-07-28

No. : DT26071613

TEST RESULTS:

Wood-based panels - Determination of formaldehyde release Part 1: Formaldehyde emission by the chamber method

Test method: EN 717-1:2004
Type of the chamber: 1 m^3 test chamber
Temperature of the chamber: 23°C, R.H.: 45%(23±0.5°C, 45±3%)

Result (mg/m^3)	Formaldehyde class (Reference EN 13986:2004+A1:2015)	Comment
N.D.	E_1≤0.124 mg/m^3 E_2>0.124 mg/m^3	E_1

Note(s): (1) N.D. = Not detected.
(2) Method detection limit:0.01 mg /m^3

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