



# Phenolic Core Decorative Panels



**Innovation in Interior Design**



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Building Interiors  
Outdoors System

# Product Overview & Key Features

## A Balance of Aesthetics, Stability and Workability

Our phenolic core panels are advanced interior solutions featuring a highly stable phenolic core, typically faced with decorative melamine papers. This construction provides an excellent balance of aesthetics, stability, and workability, making them a premium choice for a variety of interior applications.

### Standard Specifications:

Thickness: 3mm to 18mm.

Sizes: 1220x2440mm and 1220x3050mm.

### Enhanced Stability:

The phenolic core provides superior dimensional stability, resisting warping and bowing.

### Moisture Resistance:

Improved resistance to moisture compared to conventional wood-based panels, making them suitable for environments with higher humidity.

### Surface Aesthetics:

A beautiful and durable melamine surface available in a wide array of designs and textures.

### Easy Fabrication:

Can be cut, routed, and edged with standard woodworking tools, simplifying the fabrication process.

# Technical Specifications & Performance

## Engineered for Superior Stability and Performance

The technical composition of our phenolic core panels ensures they meet the demands of modern interior design and construction.

### Technical Property

### Performance

Core Density

Highly compact phenolic core provides a robust and stable foundation.

Dimensional  
Stability

The balanced construction resists expansion and contraction, ensuring the panel remains flat over time.

Moisture  
Resistance

The core and surface layers work in tandem to provide a high degree of moisture resistance.

Surface  
Durability

The melamine facing provides good resistance to scratches, abrasion, and stains.

# Key Applications:

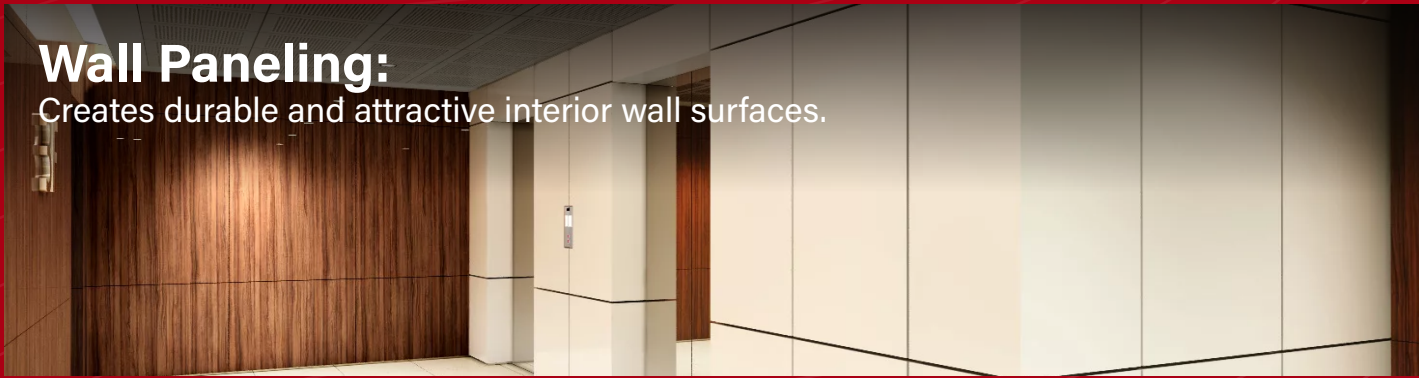
## Furniture Components:

Cabinet doors, shelves, and other furniture elements.



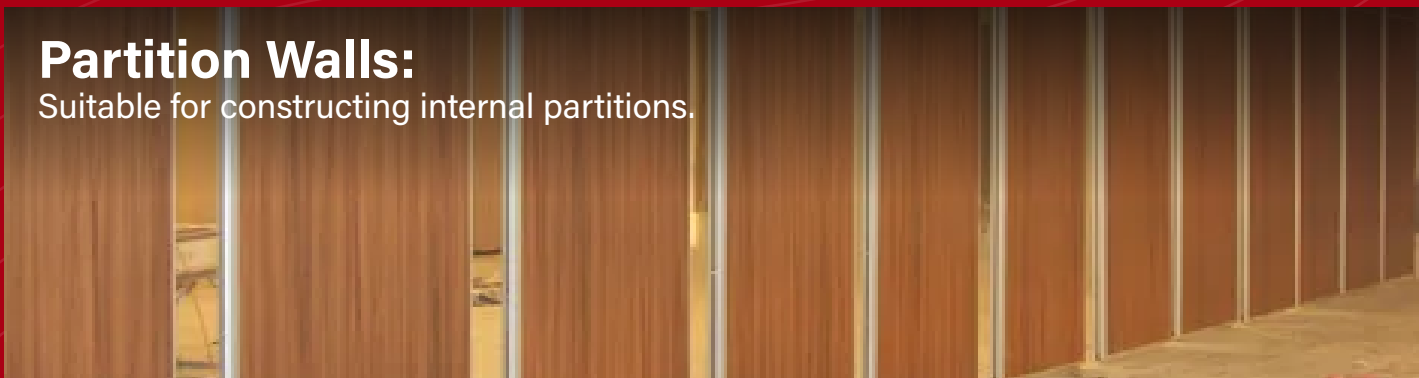
## Wall Paneling:

Creates durable and attractive interior wall surfaces.



## Partition Walls:

Suitable for constructing internal partitions.



## Retail Displays:

Provides robust and visually appealing surfaces for shop fittings.



## Door Skins:

Used as durable and stable facings for interior doors.



# Installation & Care Guide

## Installation, Fabrication, and Care

Proper handling and care are key to maximizing the performance and longevity of your phenolic core panels.

### **Installation:**

Ensure a flat, level, and dry substrate.

Use appropriate adhesives for bonding and secure panels with mechanical fixings if required.

### **Cutting & Fabrication:**

Use sharp, high-quality tools to prevent chipping of the melamine surface.

Edge banding is typically recommended for all exposed edges to provide a finished look and seal the core.

### **Care & Maintenance:**

Clean the melamine surface with a soft cloth and a mild detergent.

Avoid abrasive cleaners that could damage the finish.

Wipe up spills immediately to protect the core.



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