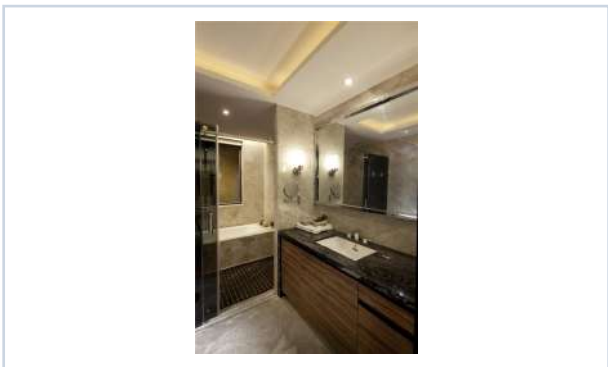


EcoSurface™

PP Decorative Film

PVC-Free Alternative Material Platform for Interior Applications



Product Overview

EcoSurface is a PP decorative film platform designed for customers seeking non-PVC material options for furniture and interior applications. It should be positioned as a PVC-free alternative material solution, not as a broad environmental claim.

PVC-Free Option Alternative material platform where non-PVC materials are preferred.	Lightweight PP offers a low-density material structure.	Clean Appearance Suitable for modern furniture and interior surfaces.	Interior Focus Designed for decorative interior surface applications.
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Recommended Applications

Furniture panels | Interior components | Decorative surfaces | Wall panels | Cabinet components | Lightweight interior applications

Positioning & Application Guide

Item	Recommended Positioning	Remarks
Material Platform	PP Decorative Film	PVC-free alternative material option
Application Focus	Interior decorative surfaces	Furniture, panels and interior components
Environmental Claim	Use carefully	Avoid broad eco-friendly or recyclable claims
Commercial Message	Non-PVC material option	For projects requiring alternative material selection

Important Claim Guidance

Use PVC-free, non-PVC, alternative material option.

Avoid Overclaiming

Do not use broad eco-friendly, green or recyclable solution claims.

Project Suitability

Recommend based on customer material preference and application.

Surface Performance

Verify final performance according to product grade and production conditions.

Application-Oriented Visuals



Performance Test Summary

The following summarizes reference test results for decorative surface evaluation. Items marked as not tested should not be used as performance claims.

Test	Condition / Method	Result
Bonding Test	Hot water 80C, 72 hours	No remarkable changes
Dry Heat Test	80C, 16 hours	No remarkable changes
Abrasion Test	Taber, P-180-AA, 5.2N / 500g	Abrasion loss: 0.11g / 100 rotations
Scratch Test	Thermosetting resin scratch test	700g above
Chemical Resistance	2% Sodium Hydroxide, 6 hours	No remarkable changes
Chemical Resistance	5% Acetic Acid, 6 hours	No remarkable changes
Light Fastness	QUV 1000h / color change evaluation	No remarkable changes
Climate / Tropical / NRC / STC	Reference items	No test

Notes

The above values are measured data and should not be interpreted as guaranteed specifications. Actual performance may vary depending on product structure, processing conditions and end-use applications.

Why EcoSurface

PVC-Free Alternative

A practical non-PVC material option for selected projects.

Clear Positioning

Avoids vague environmental claims and focuses on material choice.

Interior Applications

Designed for furniture and decorative interior surfaces.

Performance Review

Includes bonding, heat, abrasion, scratch, chemical and light-fastness references.