

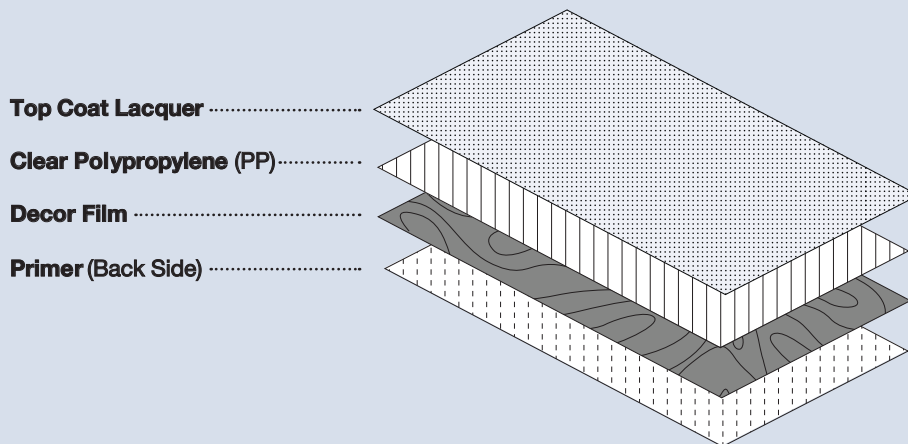
FILM MODUS

finish

EXELLE

Materials and Layer Configuration

Modus Film, the decorative PVC-free film is the perfect alternative to solid timber and consists of a printed polypropylene-based film with high-resolution printing technology. Our surface coating technology increases the durability of the product on the surface and can be used for a variety of applications.

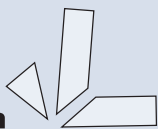


MATERIAL Polypropylene/Polyethylene

MAX. WIDTH 1260 mm

FILM THICKNESS 125 μ m

Scratch Resistance



The hardness of our coating technology helps to reduce scratches on the surface.

Easy Clean



The special coating formula contributes to the Easy Clean properties.

Weather Resistance



Very good light fastness as an interior surface material. 2000 hrs in the open-frame sunshine carbon arc test.

Chemical Resistance



Special coating protects against chemicals. For details, please see technical information.

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Technical Information

PROPERTIES	TEST METHOD		RESULT
Dimensional Stability	At 100°C for 15min		MD -7.0~0%
			TD -2.0~2.0%
Tensile Strength	JIS K 6732		MD More than 24.5N
			TD More than 19.6N
Elongation at Break	JIS K 6732		MD More than 100%
			TD More than 50%
Weather Resistance	JIS B 7753 (Open-Flame Carbon-Arc Type)		2000 hrs with no remarkable change
Chemical Resistance	DIN 68861:2011, PART 1		1C (Except for butter and olive, test result can be reached to 1A.)
Scratch Resistance	DIN 68861:2013, PART 4		4E (> 0.5, < 1.0 N)
Solvent Resistance	Rubbing over 10 times	Petroleum Benzine	No remarkable change
		Ethanol	
		Lacquer Thinner	
Dry Heat	DIN 68861:2001, PART 7		7C
Wet Heat	DIN 68861:2001, PART 8		8A
Microscratching	CEN/TS 16611:2016		Classification A

JIS Japanese Industrial Standard | JAS Japanese Agricultural Standard
 MD Machine Direction | TD In Transverse Direction

Every information is representative of test data.
 Therefore, no data can be guaranteed.

FORMALDEHYDE FREE

LEAD EMISSION less than 90 mg/kg

TVOC EMISSION FREE

I Processing

- ▮ Coatings (roll/continuous) and profile wrapping are possible on substrates such as plywood, MDF and chipboard.
- ▮ Experience with PUR Hot Melt Adhesive for flat coatings and profile wrapping.

I Handling

Please avoid the following when storing the product:

- ▮ This product is only suitable for interior use, not for exterior application.
- ▮ Unpacking and storage outdoors.
- ▮ High temperatures and high humidity (more than 40°C and 60% RH).
- ▮ If you laminate an extremely cold film with an extremely cold adhesive, this can be a cause of poor adhesion. (In winter, it is recommended to store the films in a warm place at approx. 20°C before laminating).