

PRODUCT CLASS

Polymeric thermo-plastic film, unicolour or printed with water-base inks, to be used for furniture (vertical surfaces) and flooring (LVT).

DESCRIPTION

This product is obtained from a thin printed film that can be coupled with several types of substrates (chipboard, MDF, regenerated PVC, WPC SPC). The higher coupling resistance is guaranteed by a special working process in order to prevent any modification of the physical characteristics of the film. It can be glued on a wooden support, with hot melt adhesives. Stabilizers, inert charges, colours pigments and flame retardant agents improve its physical characteristics (heat resistance, solidity and flexibility) and the aesthetic characteristics (colour and light fastness). Polymeric thermo-plastic film, protected with UV coatings, get good mechanical properties and resistance against abrasion, wear, ageing, chemical agents and fungus and bacterium attack. It is water-repellent and fire-resistant, thanks to an higher temperature of ignition, low flame propagation and for being self-extinguishing.

ADVANTAGES

- Wide range of decors (wood-grains, fancy designs, solid colour and so on);
- No formaldehyde emission from the product as it is;
- Use of water base inks for the printing;
- Utmost flexibility;
- Good resistance to acids;
- Easy cleaning.

APPLICATIONS

It is typically used for vertical surfaces and for flooring products. Polymeric flooring are largely used in public areas such as hospitals, schools, offices and stores. It is also widely used in private houses.

AVAILABLE SIZES

- Supplied in rolls;
- Standard widths up to 2240 mm.

TECHNICAL CHARACTERISTICS

The technical characteristics are summarized in table (see following page).

PACKAGING AND STORAGE

- We recommend storing the product in its original packing in an environment with a temperature lower than 30° C;
- Do not expose the product to direct sun light and humidity;
- After transport and storage at low temperatures, a period of acclimatization of about 1 hour per cm of diameter of the roll is required;
- To avoid electrostatic discharges, the material must be processed in a room with a temperature between 20°-23°C and humidity between 50-60%.

NOTES

The information contained in this document is based on our current knowledge and experiences. However it cannot be considered as exhaustive, but purely indicative. We strongly suggest that the product is tested in advance in your own plant. Neodecortech S.p.A. can not be held as responsible for any eventual damage deriving from the use of the above mentioned product. For further information, the safety sheets concerning every product of Neodecortech S.p.A. are available.

TECHNICAL DATA
Polymeric Printed Film Coated

TECHNICAL PARAMETERS ⁽¹⁾		Polymeric thermo-plastic PVC film*		
PROPERTIES	Test method	Unit/class/ level	PPF+	
1	Product category:	-	-	PVC*
2	Thickness:	Acc. to: DIN 53370	µm	120 ÷ 400
3	Density:	Acc. to: DIN 53479	g/cm ³	1,41 ± 0,02
4	Resistance to chemical agents:	Acc. to IKEA IOS-MAT 0066 requirements	class	R1, R4
5	Abrasion resistance:	Acc. to IHD-W-461	class	3 (> 400 cycles)
6	Scratch resistance:	Acc. to UNI 9428	N	0,7
7	Light fastness:	Acc. to: EN ISO 4892-2	Level (blue scale)	≥ 6

* The information in the table above, relates specifically to the the PVC material, but the same type of product can be made with different polymeric materials (e.g. PP or PET).

⁽¹⁾ The data indicated in the table have to be considered purely indicative, because they are susceptible of variation according to the finishings and to the employed supports. This sheet cancels and replaces the previous releases.