

PRODUCT CLASS

This category comprises a variety of substrates with a common feature, being an extra-matt, soft-touch and anti-fingerprint surface.

DESCRIPTION

The substrate may consist of polymeric material, pre-impregnated paper, or CPL laminate, coated with a special lacquer. The result of the polymerization of the lacquer confers, at the microscopic level, a typical rippled structure, which results in a unique diffuse reflection of light perceived as a matt effect by the human eye.

FEATURES

- Range of unicolors and decors reproducing woodgrains, patterns, stones, etc.
- Special lacquering gives the surface a distinctive soft-touch and anti-fingerprint effect
- Thermal repair of scratches
- Resistance to dry heat
- Use of water-based inks for printed products
- Resistance to aging, chemicals, and fungi and bacteria.
- Low light reflectance
- Fair resistance to scratching
- Resistance to acids, solvents and common household chemicals

APPLICATIONS

Typically used in the furniture and interior design industries.

Designed for the coating of chipboard, MDF and plywood.

AVAILABLE SIZES

Supplied in rolls

TECHNICAL FEATURES

Specifications are summarized in the table on the following page. They refer solely to products supplied by Neodecortech.

Packaging and Stock

The product is available in rolls, protected by shockproof packaging. Rolls are available in vertical or horizontal packaging on pallets. The stability of the products is six months when stored in their original packaging and under appropriate environmental conditions (relative humidity 55 - 60% and temperature 10 - 25°C).

Notes

Information provided in this document is based on our current knowledge and experience. It cannot be considered exhaustive, but merely informative. It is suggested to test the product on ones own system beforehand. Neodecortech cannot be held responsible for any possible damage resulting from the use of the above product. Safety data sheets for individual Neodecortech products are also available for further information.

TECHNICAL DATA
EOS

TECHNICAL PARAMETERS			Polymer backing with super-matte and anti-fingerprint coating.	Polymer backing with super-matte and anti-fingerprint coating.	Polymer backing with super-matte and anti-fingerprint coating.	Preimpregnated paper substrate, with super-matte and anti-fingerprint coating.	Thin CPL laminate with super-matte and anti-fingerprint coating.	Higher thickness CPL laminate with extra-matte and anti-fingerprint coating.
PROPERTIES		u.m./ class/ level	EOS PVC	EOS PET	EOS PP	EOS FINISH	EOS MICRO TOP	EOS THIN TOP
1	Final grammage Acc. to DIN EN ISO 536	g/m ²	> 420	280 ÷ 350	120	60 ÷ 80	200	400 ÷ 600
2	Thickness	µm	> 300	200 ÷ 250	120	60 ÷ 80	~200	400 ÷ 600
3	Gloss Acc. to EN ISO 2813	UG (60°)	≤ 4	≤ 4	≤ 4	≤ 4	≤ 4	≤ 4
4	Resistance to chemical agents Acc. to IKEA IOS-MAT 0066	R4	✓	✓	✓	✓	✓	✓
		R2	X	X	X	X	X	X
		R1	✓	✓	✓	✓	✓	✓
5	Abrasion resistance Acc. to IHD-W-461	class	3 > 400 giri	3 > 400 giri	3 > 400 giri	3 > 400 giri	3 > 400 giri	3 > 400 giri
6	Scratch resistance Acc. to UNI	N	≥ 1.0	≥ 1.0	≥ 1.0	≥ 0.4	≥ 0.4	≥ 0.4
7	Light fastness Acc. to EN ISO 4892-1 4892-2	Scala lana blu	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
8	Formaldehyde emission Acc. to UNI EN 717/2	mg/m ² h	N. A.	N. A.	N. A.	< 0.5	< 0.5	< 0.5
9	Anti-fingerprint properties		✓	✓	✓	✓	✓	✓