

PRODUCT CLASS

Pre-impregnated finish foil.

DESCRIPTION

This product is made by using special pre-impregnated light papers, which are subsequently printed and lacquered. It represents an advantageous alternative to the standard finish foil (post-impregnated).

Several surface finishings can be obtained through the lacquering process: from the high gloss to the extra-matt with "touch" effect finishing. The range of products includes also papers with particular characteristics of surface resistance against chemical agents (for example PRINT R and D) and against the wear for abrasion (for example PRINT HR). Two lacquerable versions are available (PRINT VE and VEs). The characteristic of PRINT TOUCH is the particular tridimensional effect that gives a tactile sensation like natural wood.

ADVANTAGES

- High quality finishing lacquers with high chemical and mechanical resistance;
- E1 class finishings at low emission of formaldehyde are possible;
- Possibility of reaching various glossy levels;
- Applicability on several kinds of plants (however we recommend the customer to test in advance).

APPLICATIONS

Finish Print is a very flexible product, suitable for the covering of:

- Chipboards, MDF and plywoods;
- Backs and flat surfaces;
- Shaped surfaces and profiles;
- Internal furnishings of campers and caravans.

Example of application:

- Plant temperature: $50^{\circ} \div 100^{\circ}\text{C}$
- Pressure: $0,5 \div 3 \text{ kg/cm}^2$
- Pressing time: $1" \div 4"$

AVAILABLE SIZES

- Gramgages of the finished product : about 65 - 80 g/m² according to the type;
- Supplied in rolls with standard widths: 1250 ÷ 2200 mm;
- Rolls length from 1000 to 2500 linear metres.

TECHNICAL CHARACTERISTICS

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

PACKAGING AND STORAGE

Every FINISH PRINT paper type is available in rolls, protected by shock-proof packaging. The rolls can be vertically or horizontally packed on pallet. FINISH PRINT papers' shelf-life is six months, once properly stocked in their original packaging and in proper environmental conditions (relative humidity 55 - 60% and temperature of 10 - 25°C).

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 suggest to test the product in advance in your own plant. Neodecortech S.p.A. can not be considered 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

Pre-impregnated finish foil.

TECHNICAL PARAMETERS ⁽¹⁾										
PROPERTIES		Test method	measures/ class/ level	PRINT VE ⁽²⁾	PRINT VE _s ⁽²⁾	PRINT C	PRINT SP	PRINT R	PRINT HR	PRINT TOUCH
1	Grammages	Acc. to DIN EN ISO 536	g/m ²	65 ÷ 70	65 ÷ 70	65 ÷ 70	65 ÷ 70	65 ÷ 70	75 ÷ 80	70 ÷ 75
2	Gloss level	Acc. to EN ISO 2813	UG (60°)	-	-	3 ÷ 7 15 ÷ 25	15 ÷ 20 25 ÷ 35	3 ÷ 7 15 ÷ 25	3 ÷ 7 15 ÷ 25 80 ÷ 90	glossy / matt
3	Resistance to chemical agents	Acc. to IKEA IOS-MAT 0066	Class R4	no	no	no	no	ok	ok	ok
			Class R2	no	no	no	no	no	ok	ok
			Class R1	no	no	no	no	no	ok	ok
4.1	Abrasion resistance	(IP-WR-FP) Acc. to IHD-W-461	class	-	-	3	3	3	-	3
4.2	Abrasion resistance	(IP-WR-FP) Acc. to EN 438-2	rotations	-	-	-	-	-	20 / 110 / 200 (3)	-
5	Scratch resistance	Acc. to UNI 9428	N	≥ 0.3	≥ 0.3	≥ 0.3	≥ 0.3	≥ 0.3	≥ 0.3	≥ 0.3
6	Light resistance	Acc. to EN ISO 4892-1 4892-2	level (blue scale)	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
7	Formaldehyde emission	Acc. to UNI EN 717/2	mg/m ² h	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

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

⁽²⁾ FINISH PRINT VE is not-finished product that needs to be lacquered by the customer; data shown refer to the product supplied by Confalonieri, not to the finished one obtained by the Customer after lacquering.

⁽³⁾ Indicative data.