

INFORMATIVE TECHNICAL SHEET

P R I N T W O O D F 1

High pressure decorative laminate made up of paper sheets impregnated with thermosetting resins with a surface layer of genuine wood protected with melamine resin. All submitted to the combined action of pressure and heat, in special press which results in polycondensation of the resins.

Back side suitable for gluing.

Material having the property of particular fire behaviour.

Material suitable for indoor applications.

PROPERTY	TEST METHOD	ATTRIBUTE	UNIT	TYPICAL VALUES
Thickness	EN 438/2.4	thickness	mm	1 +/-0.1
Resistance to surface wear	EN 438/2.6	wear resistance	revs.	abt. 1.000
Dimensional stability at 20° C	EN 438/2.10y	cumulative dimensional change	% L % T	abt. 0.50 abt. 1.00
Indentation Test	DIN 51 955	-	-	no visible change
Resistance to scratching	EN 438/2.14	Load	N	abt. 3
Resistance to staining	EN 438/2.15f	Appearance - Groups 1 and 2 - Groups 3 and 4	Grade	5 4
Resistance to colour change in xenon arc light	As per genuine veneers, colour may change - also at a remarkable extent - in the course of time and according to the different light exposure, and also with regard to the chosen type of wood			
Colour consistency	Colour shade may change - also remarkably - from batch to batch and even from panel to panel, being this a property of natural wood			
Flatness	EN 438/1	-	mm	120 (*)
Fire behaviour	CSE RF2/75/A (UNI 8457)	-	-	Classe 1
	RF3/77 (UNI 9174)	-	-	M 1
	Arreté Ministère Int.	-	-	B1
	DIN 4102	-	-	Class 1
	BS 476 part 7	-	-	Class 1

- Suitable for horizontal and vertical applications in dry areas only (excluded kitchens, bathrooms and all wet areas, generally)

- After Printwood is glued on the chipboard (better by cold gluing) the edges must be protected by means of a waterproof paint preventing liquids and/or humidity from passing through the edges, so as to avoid damaging the veneer. In case of gluing on a waterproof substrate do not use water-based adhesives.

(*) The flatness of laminates is dependent on atmospheric conditions within the storage area.

Provided that the laminates are stored in the conditions recommended by the manufacturer, they shall not show a departure of the surface from a straightedge of 1 m length in any position, of more than the limit value indicated.

INFORMATIVE SHEET
COATING for PRINTWOOD F1

Preliminary remarks

Following up researches by Abet Laminati and wood veneers suppliers on the properties of laminated wood, we advise to protect the edges of Printwood sheets which undergo blade cutting and/or milling by means of a waterproof coating. This prevents liquids and/or humidity from passing through the veneer so as to avoid discolouration or surface damages.

For this sake “**CLOURETHAN**” wood coating has been tested and is recommended.

Characteristics

- One-component alkyd-urethane based coating.
- Ready for use.
- Resistant to chemical and mechanical agents in compliance with DIN 88861 – 1B (EN 12720) Standard.
- Suitable for protecting the edges of Printwood against humidity
- Easy to use.
- Flammable according to DIN 4102 Standard (B2).

General information

The edges of Printwood sheets to be treated must be dry, without traces of oil, powder or any impurity.

The equipment used for the application of “Clourethan” coating must be properly cleaned immediately after by a diluent.

We recommend to store the product in a cool area.

Available in 1 litre tin - PW 01code (M.P.87050) - 0,250 litre tin - PW 02 code (M.P.87050)

Yield: abt. 2200 m of edge treated per litre

Instructions for use

Before the treatment the edges of Printwood sheets must be slightly sanded by abrasive paper and the powder perfectly removed.

The application of “Clourethan” can be made using a brusher.

Employ “Clourethan” undiluted.

Apply a first layer of coating - the quantity must not be excessive in order to allow a fast drying.

The drying process of “Clourethan” coating occurs by oxidation (absorption of oxygen of the air). After checking coating has dried completely (by touch), apply a second layer.

Be careful! The coating does not take the same time to dry on all types of wood veneers. For instance, for exotic veneers or wood rich in fat substances (e.g Teak) the drying time is longer.

After the application please clean the brusher carefully using a diluent.

Note: This sheet provides general information on the proper use and application of this product as protection of the edges of Printwood F1 by ABET Laminati.

As far as safety and environmental information are concerned please refer to the Material Safety Data Sheet issued by the producer of “Clourethan”.