

**PRODUCT CLASS**

CPL plastic laminate specific for edging the melamine-laminated panels.

**DESCRIPTION**

Laminex is obtained by laminating decorative papers with various layers of vegetable parchments. Both decorative paper and base papers are impregnated with melamine resins.

**ADVANTAGES**

- Melamine impregnation with higher chemical and mechanical resistance;
- Possibility to edge all the range of thickness between 0,4 and 1,0 mm;
- Possibility to perform all the decors and the finishing of the melamine - laminated panel;
- Higher resistance to the superficial wear and tear;
- Suitable to edge flat chipboards and chipboards with wide curve radius, for lower radius specific products available in a wide range are available and can be required;
- Applicability with all kinds of plant which are used in the edging field (however the customer is recommended to test in advance).

**APPLICATIONS**

Laminex is a product particularly suitable for the covering of edges of the melamine laminated panel. It can be applied on chipboards, MDF and plywoods using all the using gluing processes. The product is suitable for all standard uses in interior furnishings. The product is not water-proof.

**APPLICATIONS WITH GLUES**

- To glue with polyolefin hot melt and polyurethanic-based adhesives, the edge must be sanded just on the backside, ABSOLUTELY AVOIDING the use of primer;
- In case of EVA - based hot melt adhesives there is the possibility to apply a primer on the backside, to help the sticking of the edge-banding on the panel, Before checking the primer compatibility with the glue which is used on the plant.

**SIZES**

- Raw printed paper initial grammage 60 – 120 gr/sqm;
- Available on roll in width: 65 and 130 cm;
- Supplied in rolls, cut to a wide range of widths;
- Roll length: 300 – 500 linear meters.

**TECHNICAL CHARACTERISTICS**

The technical characteristics are shown in table n° 1.

**PACKAGING AND STORAGE**

Laminex is supplied in rolls, which are wrapped on cardboard cores with an inner diameter of 152 mm, and protected by shockproof packaging. The laminate can be supplied cut-to-rolls and packed in a cardboard box. The stability of the laminate is assured for twelve months, if kept in its original packaging and in proper environmental conditions (temperature 10 – 25°C and relative humidity 50 – 60 %).

**NOTES**

The information contained in this document is based on our current knowledge and experience. However, it cannot be considered exhaustive, but purely indicative. It is recommended to test the products at your premises in advance and to report any non-conformities before proceeding with the production. Neodecortech S.p.A. cannot be considered liable for any damage deriving from the use of the abovementioned product.

TECHNICAL DATA

LAMINEX Laminate for edge-banding.

TECHNICAL PARAMETERS <sup>(1)</sup>				
PROPERTIES		Test method	Unit/class/ level	Value
1	Thickness tolerance	Acc. EN 438-2 / 16 § 5	mm	0,40 ± 0,10 mm
2	Light resistance	Acc. EN 438-2/16 § 27	blue wool scale	> 6
3	Stains resistance	Acc. EN 438-2/16 § 26	class	≥ 4
4	Wet heat resistance (100 °c)	Acc. EN 438-2/16 § 18	degree	≥ 4
5	Dry heat resistance (160 °c)	Acc. to EN ISO 527-1-3	degree	≥ 4
6	Scratch resistance	Acc. UNI EN 9428	level	≥ 3
7	Abrasion resistance	Acc. UNI EN 9115	WR cycles	≥ 70
8	Formaldehyde emission	Acc. ISO 12460-3:2015	mg/m <sup>2</sup> x h	0,4
9	Edging resistance to heat <sup>(2)</sup>	Acc. UNI 9242:1987	degree	4

<sup>(1)</sup> 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 versions.

<sup>(2)</sup> The test has been made on stacked edge-bandings with polyurethanic glue on chipboards.

Laminex can be produced with melamine overlay on the décor that permits to do a mechanical scratching before lacquering without damaging the décor;  
Laminex can be produced with a protective film.