

TECHNICAL DATA SHEET

1. PRODUCT CLASS

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

2. 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.

3. PROPERTIES

- a) Melamine impregnation with good chemical and mechanical resistance;
- b) Possibility to realize all the decors and the finishing of the melamine - laminated panel;
- c) Can be produced with printed papers in weights from 60 to 120 gsm;
- d) Good resistance to the superficial wear and tear;
- e) Suitable to edge straight chipboards and chipboards with wide curve radius, for lower radius specific products available in a wide range are available and can be required;
- f) Applicability with all kinds of plant which are used in the edging field (however the customer is recommended to test in advance).

4. RECOMMENDATIONS

- a) 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;
- b) 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.

5. 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 waterproof.

6. SIZES

- a) Available on roll in width: 65, and 130 cm;
- b) Supplied in rolls, cut to a wide range of widths.

7. TECHNICAL CHARACTERISTICS

The technical characteristics are shown in the table below.

8. 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 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 %).

9. 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.

TEXTE LAMINEX

PROPERTY	Test method	Property or attribute	Unit / Rating (max or min)	Values
DIMENSIONAL TOLERANCES				
Dimensional Tolerances	EN 438-2.5	Thickness tolerance	mm	0,4 ± 0,1
GENERAL PROPERTIES				
Resistance to surface wear	EN 438-2.10	Initial Point ⁽¹⁾	Revolutions	< 50
Resistance to dry heat (180°C)	EN 438-2.16	Appearance - Other Finish	Rating (min)	3
Resistance to wet heat (100 °C)	EN 438-2.18	Appearance	Rating (min)	3
Resistance to scratching	EN 438-2.25	Appearance	Rating (min)	3
Dirt resistance	UNI 9300:2020	Appearance	Rating (min)	3
Resistance to staining	EN 438-2.26	Appearance - Group 1&2	Rating (min)	4
		Appearance - Group 3	Rating (min)	4
Light fastness (Xenon-arc)	EN 438-2.27	Contrast	Blue wool scale	6

⁽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.

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.