

LAMINATE TECHNICAL DATA SHEET

1. PRODUCT CLASS

CPL plastic laminate specific for edging and lacquering chipboards and MDF.

2. DESCRIPTION

Cove Lac is obtained by laminating a decorative paper with a 90 g/m² base paper. Both the decorative paper and the base paper are impregnated with special amino-plastic resins that give the product excellent flexibility. The thickness and compactness of Cover Lac, combined with excellent flexibility qualities, allow it to be coated and painted in-line even profiles with difficult radii of curvature.

3. PROPERTIES

- a) Impregnation with aminoplastic resins ensures good chemical and mechanical resistance.
- b) Good flexibility.
- c) Good wear resistance that allows light sanding of the surface to facilitate the subsequent painting/lacquering process.
- d) High compactness that allows surface defects in the profile to be covered.
- e) Applicability with all the various types of equipment used in the edging industry (however, the customer is advised to carry out a preliminary test)

4. RECOMMENDATIONS

- a) Cover Lac is **not waterproof** so it must be stored in places that are not in direct and constant contact with moisture superior to 50%; the same applies to laminate-coated items both while they are in storage warehouses and in places where they are installed.
- b) PUR glues provide excellent adhesion characteristics between laminate and substrate and increased resistance of the bonding to humid environments. For other types (polyolefin, urea, vinyl, ... etc), similar guarantees cannot be given.
- c) Cover Lac is a very technical product and to ensure proper application by users with various levels of experience it is necessary to use glues that have high moisture resistance such as polyurethane glues (PUR).
- d) Micro Top and Cover Lac laminates cannot be used to cover furniture elements that may come into contact with humid environments during their lifetime. Typical examples are: windows, doors installed in wet rooms (cellars, porches... etc).

5. APPLICATIONS

- a) The glue must be spread on the laminate, not on the substrate.
- b) Edging or coating lines that intend to use Cover Lac must be equipped with pressure rollers that act on all the various sections of the surface/profile. The absence of these rollers can seriously affect the effectiveness of the bonding. Prior testing is recommended.
- c) Cover Lac can be applied with all the standard glue processes used in the lamination business. However, tests in advance are highly recommended.

6. SIZES

Available roll width: 130 cm and 140 cm

Roll length: 400 - 600 linear meters

7. TECHNICAL CHARACTERISTICS

The technical characteristics are shown in the table below.

8. PACKAGING AND STORAGE

- a) Cover Lac is supplied in rolls. The core has a diameter of 152 mm. Shockproof packaging is used for all Cover Lac rolls. The stability of the laminate is assured for 6 months, if stored in its original packaging and in proper environmental conditions (temperature 10 - 25° C and relative humidity 50%).
- b) laminate rolls should be stored horizontally, vertical storage may generate wrinkles and/or cracks from the part resting on the ground.
- c) following partial use, the rolls of Micro Top or Cover Lac must be packed again in the original packaging and stored in a horizontal position.

9. NOTES

Information contained in this document are based on our current knowledge and experience. However, they 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 above mentioned product.

TEXTE COVER LAC LAMINATES

PROPERTY	Test method	Property or attribute	Unit / Rating (max or min)	Values
DIMENSIONAL TOLERANCES				
Dimensional Tolerances	EN 438-2.5	Thickness tolerance	mm	0,2 ± 0,02