

PRODUCT CLASS

Laminates for coating and wrapping

DESCRIPTION

Micro Top is a family of post-formable, ultra-thin laminates for the coating of surfaces and profiles. The full range, made by laminating impregnated decorative paper with various support layers, offers excellent solutions for all sorts of applications.

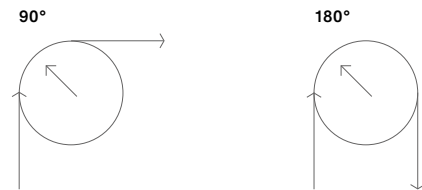
The backing is made either vegetable parchment (Micro Top, Micro Top XS, Micro Top XS morbido, and Micro Top XS DU) or non-woven fabric (Micro Top XST and Micro Top XSE), combined with different resins depending on the final purpose of the product.

Micro Top laminates are made to coat curved surfaces with a radius as low as 1,5 mm.

CHARACTERISTICS

- Melamine surface coating for a higher physical and chemical resistance;
- Possibility to reproduce all the decors of the NDT range and several finishes of melamine-faced boards;
- Applicable with different coating processes (prior testing is recommended);
- Bending radius:

PRODUCT	Radius (mm)	
	90°	180°
Micro Top	≥ 6	≥ 8
Micro Top XS	≥ 3	≥ 3,5
Micro Top XSM	≥ 2	≥ 2,5
Micro Top XSE	≥ 2	≥ 2,5
Micro Top XST	≥ 1,5	≥ 2
Microlam DL AC0	≥ 2	≥ 3
Microlam DL AC3	≥ 8	≥ 10



Bending radius values shown in the table are valid when working at a maximum speed of 20 lm/min and glue temperature T ≥ 150° C for polyurethane glue and T ≥ 180° C for polyolefin glue.

All Micro Top laminates must be stocked as indicated below (Packaging and storage).

APPLICATIONS

Micro Top laminates are ideal for coating different kinds of profiles (frames, skirtings, door jambs, etc.) and vertical surfaces (shutters, furniture, etc.) They can be applied to chipboards, MDF, and plywood with any standard gluing process.

This product is not waterproof.

APPLICATIONS WITH GLUE

The glue must be spread on the laminate, not on the substrate.

We recommend the use of edging or coating lines equipped with pressure rollers.

Prior testing is recommended.

SIZES

- Raw printed paper initial grammage: 60 – 80 g/sqm;
- Available roll width: 65, 132, and 142 cm;
- Roll length: 400 – 800 linear meters.

TECHNICAL CHARACTERISTICS

The technical characteristics are shown in the table n° 1.

PACKAGING AND STORAGE

Micro Top laminates are supplied in rolls. The core has a diameter of 152 mm. Shockproof packaging is used for all Micro Top rolls. The stability of the laminate is assured for 12 months, if stored 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
MICROTOP laminate for coating.

TECHNICAL PARAMETERS ⁽¹⁾					
BENDING PROPERTIES		Test method	Unit/class/level	Value	
1	Thickness tollerance	Acc. EN 438-2 / 16 § 5	mm	0,20 ± 0,08 mm	
2	Abrasion resistance	Acc. UNI EN 15185 Acc. EN 438-2/16 § 10 Acc. EN 438-2/16 § 10	WR cycles IP cycles IP cycles	XS, XS morbido, DU, XST, XSE DL AC0 DL AC3	≥ 45 ≥ 100 ≥ 2.000
3	Scratch resistance	Acc. UNI EN 15186, met. B	class	B	
4	Dirt resistance	Acc. UNI 9300 : 2020	level	≥ 3	
5	Light resistance	Acc. EN 438-2/16 § 27	blue wool scale	≥ 6	
6	Wet heat resistance (100 °c)	Acc. EN 438-2/16 § 18	degree	≥ 4	
7	Dry heat resistance (160 °c)	Acc. EN 438-2/16 § 16	degree	≥ 4	
8	Stains resistance	Acc. EN 438-2/16 § 26	class	≥ 4	
9	Formaldehyde emission	Acc. ISO 12460-3:2015	mg/m ² x h	XS, XS morbido, DU, DL XST, XSE	= 0,6 = 1,7

⁽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. This sheet cancels and replaces the previous versions.