



PRODUCT DATA SHEET

EGGER | EUROFORM® Micro laminate

EUROFORM® Micro laminate is a decorative laminate based on curable resins. The laminate has a multiple layer structure and consists of melamine resin impregnated décor paper and a bondable reverse. Depending on the area of use and requirements, a special overlay may be applied to the décor side.

USES/AREAS OF APPLICATION

EUROFORM® Micro laminate is used for the lamination and/or wrapping of door panels, kitchen and bathroom furniture fronts, window sills, jointing strips (or profiles) as well as cornices and lighting pelmets.

STORAGE/FABRICATION

STORAGE

We recommend storage in closed, dry rooms, in original packaging, lying on a pallet [approx. 20°C and 55 to 65% relative humidity]. If the packaging is opened and the EUROFORM® Micro laminate is not immediately bonded to a substrate, we recommend it should be suitably covered. EUROFORM® Micro laminate will retain its postforming properties if stored correctly for up to 6 months.

FABRICATION

Can be bonded onto substrates such as chipboard, MDF, HDF, plywood panels, core boards, veneer boards and boards made from PVC. Can be bonded using conventional urea resin glue and dispersion adhesives when using a roll lamination machine and polyolefin or polyurethane hot-melt adhesives when using a coating machine. To ensure successful fabrication, we recommend that EUROFORM® Micro laminate and the substrate are conditioned in normal, temperate environments

Please follow the machinery and adhesive suppliers' instructions.

STOCK PROGRAMMES

EUROFORM® Micro laminate is order-specific and is produced subject to a minimum order quantity of 260 m² per décor and delivery lead-times.

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QUALITY FEATURES/TECHNICAL DATA

POSTFORMING PROPERTIES

Smallest radius ≥ 3 mm in a longitudinal direction.

FIRE BEHAVIOUR

EUROFORM® Micro laminate meets the requirements of interior fittings regarding fire behaviour. When in contact with fire, EUROFORM® Micro laminate does not soften, melt or burn and is non drip-forming. EUROFORM® Micro laminates do not contain chlorine or halogens and therefore prevent consequential fire damage such as corrosion to machinery and buildings.

RESISTANCE TO SURFACE ABRASION

Quality feature abrasion [Overlay types]	Result		Index *)	Standard
	Initial point (IP) [Revolutions]	Wear Resistance Factor [IP + FP]/2 [Revolutions]		
No Overlay [Fantasy and Woodgrains]	< 50	≥ 50	-	EN 438-2:2005
No Overlay [Uni and White]	≥ 150	≥ 350	3	EN 438-2:2005
O-Overlay	≥ 150	≥ 350	3	EN 438-2:2005
X-Overlay	≥ 3.500	-	4	EN 438-2:2005

SCRATCH RESISTANCE/GLOSS FACTOR

Textures		Result **)		Index *)
Texture name	Texture No.	Scratch resistance [Grade] EN 438-2:2005	Gloss factor [points] 60° (Dr. Lange)	
Woodpore	ST1	3	12 $\pm$ 3	3
Diamond	ST2	3	12 $\pm$ 3	3
Office	ST15	3	15 $\pm$ 2	3
Fine pore	ST24	3	18 $\pm$ 3	3

The gloss factors given are guide values. These are subject to fluctuations depending on the décor and texture finish. Other structures are available.

Quality feature	Unit	Result **)	Standard
Resistance to water vapour *	Grade	4	EN 438-2:2005
Resistance to staining group 1 and 2	Grade	5	EN 438-2:2005
Resistance to staining group 3	Grade	4	EN 438-2:2005
Lightfastness (Xenon arc lamp)	Grey scale	4 - 5	EN 438-2:2005

* Values may be lower for full pearlescent decors and therefore these decors are not recommended for horizontal applications.

THICKNESS/FORMAT/ TOLERANCES

Nominal Laminate Thickness [mm]	Format in which supplied		Thickness tolerance [mm]	Width tolerance [mm]
	Roll	Sheets		
0.15 to 0.20	•		± 0.05	+10/-0

FORMAT IN WHICH ROLLS ARE SUPPLIED

EUROFORM® laminate Micro is manufactured exclusively on the roll.

Maximum roll length: 800 running metres

Maximum roll width: 1,300 mm

Width cross cuts: max. 3 cross cuts, minimum laminate width 200 mm;

Core diameter: 150 mm

Please note: 5 mm waste per cross cut

CARE AND CLEANING RECOMMENDATION

Due to their resistant, hygienic and dense surface, EUROFORM® Micro laminates do not require any special form of care. Generally, the surfaces are easy to clean. This also applies to textured surfaces.

*) Index 2 represents medium resistance. Laminate is therefore suitable for applications such as kitchen frontal elements, office and bathroom furniture.
Index 3 represents high resistance. Laminate is therefore suitable for applications such as kitchen worktops, counter and table tops.
Index 4 represents very high resistance. Laminate is therefore suitable for applications such as floors.

**) Explanations of the results are available upon request. Please contact us for further information.

The information given in this data sheet is based on practical experience and in-house tests and corresponds to our current level of knowledge. It is designed to inform and does not contain any guarantee in terms of product properties or their suitability for certain uses. As a general rule, our Terms and Conditions apply