

Technical data sheet

EGGER Laminate Micro



Description

EGGER Laminate Micro is a decorative laminate based on curable resins. The laminate is constructed by fusing multiple layers and consists of melamine resin impregnated decor paper and a bondable reverse.

Areas of application

The 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.

Product versions / Availability

Decors from the EGGER Collection Decorative and Industry Collection are manufactured to order, taking into account the minimum order quantity of 260 m² per design. Laminate Micro is produced and delivered exclusively in rolls.

Overview of our order-specific delivery options

Nominal thickness range	0.15 and 0.20 mm
Maximum width	1,300 mm
Roll length	200, 400 and 600 m
Core diameter	150 mm
Individual widths	upon request
Minimum quantity	260 m ²

Technical data

Based on the EN 438-3:2016 EGGER Laminate Micro can be classified as laminate type P (postforming).

Property	Test standard	Unit or feature	Value
Thickness	EN 438-2:2016	mm	+ 0.10 / -0.05
Width	EN 438-2:2016	mm	+10/-0
Flatness ^{a)}	EN 438-2:2016	mm/m (max.)	60
Resistance to surface wear	EN 438-2:2016	revolutions (min.) initial point	< 50 printed decors without overlay ≥ 150 printed decors with overlay
Resistance to scratching	EN 438-2:2016	Rating (min.) smooth finishes textured finishes	2 3
Resistance to water vapour	EN 438-2:2016	Rating (min.) gloss finish other finishes	3 4
Resistance to dry heat (160 °C)	EN 438-2:2016	Rating (min.) gloss finish other finishes	3 4
Dimensional stability at elevated temperatures	EN 438-2:2016	% max. L ^a T ^b	0.75 1.25
Resistance to wet heat (100 °C)	EN 438-2:2016	Rating (min.) gloss finish other finishes	3 4
Resistance to staining	EN 438-2:2016	Rating (min.) Groups 1 and 2 Group 3	5 4
Lightfastness [Xenon arc lamp]	EN 438-2:2016	Grey scale rating	4 to 5
Formability	EN 438-2:2016	mm L ^a	≥ 3

L^a = axis of bending parallel to the fiber direction (usually parallel to the direction of sanding).

L^a = in the longitudinal direction of the fibrous sheet material (normally the direction of the longest dimension of the laminate).

T^b = in the cross-longitudinal direction of the fibrous sheet material (at right angles to direction L).

Technical instruction

The colour perception of a laminate decor is decisively influenced by the laminate core colour and the base panel colour. The small nominal thickness of laminate micro requires that only a thin backing paper is used instead of the usual core layers. Therefore, a 100% colour match between Eurodekor and EGGER laminate cannot be guaranteed.

Storage/Fabrication

Laminate Micro must be stored in closed and dry rooms in the original packaging, lying on pallets, protected from moisture and under normal climatic conditions. Avoid direct floor contact and/or exposure to sunlight.

For successful processing, the "EGGER Laminate Micro Processing Instructions" must be adhered to. The processing instructions also contain further information regarding storage.

Care and cleaning recommendation

Due to its resistant, hygienic and dense surface, EGGER Laminate Micro does not require any special form of care. The surface is generally easy to clean. Do not use sanitary cleaners or detergents with abrasive components, as using such cleaners may lead to changes in the degree of gloss and/or scratch the material.

More detailed information can be found in our leaflet "EGGER Laminate Cleaning and Use Instructions".

Additional documents / Product information

You will find further information in the following documents:

- "Processing Instructions EGGER Laminate Micro"
- Technical leaflet "EGGER Laminate with Pearlescent Decor"
- Technical leaflet "EGGER Laminate surfaces"
- Technical leaflet "Chemical Resistance EGGER Laminate"
- Technical leaflet "EGGER Laminate Cleaning and Use Instructions"

Provisional note:

This technical data sheet has been carefully drawn up to the best of our knowledge. The information provided is based on practical experience, in-house testing and reflects our current level of knowledge. It is intended for information only and does not constitute a guarantee in terms of product properties or its suitability for specific applications. We accept no liability for any mistakes, errors in standards, or printing errors. Furthermore, the continuous further development of EGGER Laminate Micro as well as the amendment of standards and public documents may result in technical changes. This technical data sheet is not an instruction for use and not a legally binding document. Our General Terms and Conditions apply.