

Technical data sheet

EGGER Laminates Micro



Description

EGGER Laminates Micro are decorative laminates based on curable resins. They have a multi-layered structure and consist of an impregnated decorative paper and a bondable reverse side.

Description: EGGER Laminates Micro
Type of material: **P** (Postforming) based on EN 438-3
Application: coating / covering of e.g. door elements

Availability

EGGER Laminates Micro are available in decors from the **EGGER Decorative Collection** and the **EGGER Industry Pool**. Production with a minimum order quantity of 260 m² per version is always made to order – see section "Form of delivery".

Technical data

Based on the EN 438-3, EGGER Laminates Micro can be classified as laminate type **P** (Postforming).

Property	Test standard	Unit or feature	Value
Resistance to surface wear	EN 438-2	Revolutions (min.) Initial point printed decors without overlay printed decors with overlay	< 50 ≥ 150
Resistance to scratching	EN 438-2	Rating (min) smooth finishes textured finishes	2 3
Thickness	EN 438-2	mm	+ 0.10 / - 0.05
Width	EN 438-2	mm	+ 5 / - 0
Resistance to water vapour	EN 438-2	Rating (min)	4
Resistance to dry heat (160 °C)	EN 438-2	Rating (min)	4
Dimensional stability at elevated temperatures	EN 438-2	% max. L ^a T ^b	0.75 1.25

Property	Test standard	Unit or feature	Value
Resistance to wet heat (100 °C)	EN 438-2	Rating (min)	4
Resistance to staining	EN 438-2	Rating (min.)	5
		Groups 1 and 2	4
		Group 3	
Lightfastness (Xenon arc lamp)	EN 438-2	Grey scale rating	4 to 5
Formability	EN 438-2	mm	
		L ^a	≥ 3

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).

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

Form of delivery

Laminates Micro are supplied as roll material.
Our order-related delivery options in overview:

Options EGGER Laminates Micro	
Nominal thickness range	0.15 and 0.20 mm
Roll length	200, 400 and 600 m
Maximum width	1,300 mm
Individual width	on request; 10 mm grid
Core diameter	150 mm
Minimum quantity	260 m ²

Technical application note

Slight colour deviations in the same product are possible due to tolerances in the primary materials used. Components that are used next to each other should therefore be checked for colour uniformity. A deviation in colour and surface between the EGGER reference colour sample and the customer's test piece is permissible in accordance with EN 438.

Due to the production that differs by product, colour and surface differences can also occur between different products (e.g. faced board, laminate, edging) with the same decor-texture combination. For an accurate representation of the colour, order a sample in the relevant product.

For a successful processing, the processing instructions "EGGER Laminates Micro" must be followed. The processing instructions also include information on storage and handling.

Care and cleaning recommendation

EGGER Laminates Micro do not require any special care due to their resistant and hygienic, dense surfaces. The surfaces are generally easy to clean. This also applies to textured surfaces. 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.

For detailed information, please refer to the leaflet "Cleaning and care recommendations for EGGER product surfaces".

Additional documents / Product information

You will find further information in the following documents:

- Processing Instructions "EGGER Laminates Micro"
- Technical leaflet "EGGER Laminates with pearlescent decor"
- Technical leaflet "Resistance to chemicals EGGER Laminates"
- Technical leaflet "Cleaning and care recommendations for EGGER product surfaces"

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. In addition, technical modifications may result from the continuous development of EGGER Laminates Micro, as well as from changes to standards and public law documents. The contents of this technical data sheet should therefore not be considered as instructions for use or as legally binding. Our General Terms and Conditions apply.