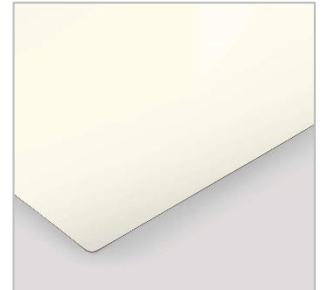


Technical Data Sheet

EGGER Laminate PerfectSense Topmatt



Description

EGGER Laminate PerfectSense Topmatt is a decorative laminate based on curable resins. The matt laminate surface with anti-fingerprint effect is based on an electron beam cured lacquer surface.

Areas of application

Interior applications in high traffic areas. Classic fields of application for example are: worktops, table and desk tops, doors, wall panels, furniture fronts, end panels and shelves etc. Laminate PerfectSense Topmatt surface is characterized by its high scratch resistance and can be used for horizontal surfaces subjected to high levels of stress.

Product versions

Depending upon the nominal thickness, the laminate Topmatt can be delivered in sheet form and/or roll format.

Overview of our order-specific delivery options

Nominal thickness – sheet form	0.60 and 0.80 mm
Nominal thickness – roll format	0.60 mm
Width	1,310 mm
Maximum length	5,600 mm
Minimum length	800 mm
Roll length	200 and 400 m
Core diameter	150 mm
Minimum quantity	260 m ²

Technical data

Laminates with a lacquer-based surface are currently not covered by or classified in the EN 438:2016 standard. In accordance to the EN 438-3:2016 Laminate PerfectSense Topmatt can be assigned to the standard classification HGS (Horizontal General-purpose Standard).

This means that the laminate can be used for horizontal applications and that subsequent postforming is not possible.

Property	Test standard	Unit or feature	Value
Thickness	EN 438-2:2016	mm	± 0.10
Length ¹⁾ and width ^b	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.)	150
Resistance to impact by small diameter ball	EN 438-2:2016	N (min)	≥ 20
Resistance to scratching	EN 438-2:2016	Rating	≥ 4
Resistance to water vapour	EN 438-2:2016	Rating (min.)	4
Resistance to dry heat (160 °C)	EN 438-2:2016	Rating (min.)	4
Dimensional stability at elevated temperatures	EN 438-2:2016	% max.	
		L ^a	0.55
		T ^b	1.05
Resistance to wet heat (100 °C)	EN 438-2:2016	Rating (min.)	4
Resistance to staining	EN 438-2:2016	Rating (min.)	
		Groups 1 and 2	5
		Group 3	4
Lightfastness [Xenon arc lamp]	EN 438-2:2016	Grey scale rating	4 to 5

¹⁾ Length tolerance only applies to laminate supplied in sheets, not for rolls

^a Provided that the laminate is stored in the manner and conditions recommended by EGGER.

^b Tolerances for cut-to-size panels shall be agreed between EGGER and purchaser.

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).

Application / Technical instruction

PerfectSense Laminate Topmatt is fitted with a protective film to ensure the protection of the surface during transport and processing.

Please find more detailed information in the “EGGER Laminate with Protective Film” data sheet.

The lacquer-based surface of PerfectSense Laminate Topmatt means that 100% matching colours with EURODEKOR, PerfectSense lacquered boards and EGGER laminate cannot be guaranteed.

Storage / Fabrication

Information concerning storage and processing is available in the processing instructions "EGGER Laminates".

Care and cleaning recommendation

Due to its resistant, hygienic and dense surface, EGGER Laminate PerfectSense Topmat 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 Laminates"
- Technical data sheet "EGGER Laminate with Protective Film"
- Technical data sheet "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 PerfectSense 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.