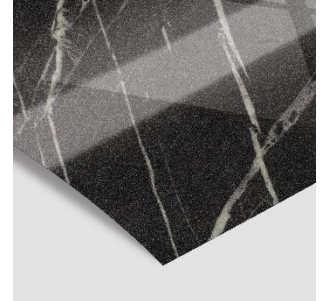


Technical data sheet

EGGER Laminates PerfectSense Premium Gloss



Material description

Description:	EGGER Laminates PerfectSense Premium Gloss
Product description:	decorative, UV lacquer finished laminates
Laminate type¹⁾:	HGS (Horizontal <u>G</u> eneral- <u>P</u> urpose- <u>S</u> tandard)
Nominal thicknesses sheet:	0.80 mm
Standard sizes:	2,800 / 3,050 x 1,310 mm; 2,464 x 1,245 mm (4' x 8')
Maximum width:	1,310 mm
Standard widths:	950; 1,020; 1,245 and 1,310 mm
Maximum length:	4,100 mm
Standard lengths:	2,464; 2,800; 3,050 and 4,100 mm
Protective film:	yes

¹⁾ Classification HGS according to EN 438-3

Availability

The EGGER Laminate PerfectSense Premium Gloss is part of the **EGGER Decorative Collection**. It is available in selected decors ex stock and from just one piece upwards, according to the country-specific availability guides.

Technical data

Laminates with a lacquer-based surface are currently not described by or classified in the EN 438 standard. In accordance to the EN 438-3 Laminate PerfectSense Premium Gloss 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	mm	± 0,10
Length and width ^b	EN 438-2	mm	+10/-0
Flatness ^a	EN 438-2	mm/m (max.)	60
Resistance to surface wear	EN 438-2	Revolutions (min.)	150
Resistance to impact by small diameter ball	EN 438-2	N (min) Nominal thickness 0.80 mm	≥ 20
Resistance to scratching	EN 438-2	Rating	≥ 4

Property	Test standard	Unit or feature	Value
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	0.55
		T ^b	1.05
Resistance to wet heat (100 °C)	EN 438-2	Rating (min.)	4
Resistance to staining	EN 438-2	Rating (min.)	
		Groups 1 and 2	5
		Group 3	4
Lightfastness (Xenon arc lamp)	EN 438-2	Grey scale rating	4 to 5
Cross-cut	DIN EN ISO 2409	Cross-cut index	0-1
Gloss level (60°)	EN ISO 2813	GE	92 ± 5

^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).

Technical application note

The high gloss PerfectSense Premium Gloss surface is based on a UV lacquer finish. The lacquer surface has "no texturing", so signs of wear may appear when subjected to mechanical stress. With medium to dark solid and printed decors, traces of use are more noticeable than with light decors. This is not a functional impairment of the surface, but an impairment based on visual aspects.

The lacquer-based surface of Laminates PerfectSense Premium Gloss can lead to a colour difference to other EGGER products. "A 100 percent colour match between Eurodekor and EGGER laminates cannot be guaranteed".

Laminates PerfectSense Premium Gloss are fitted with a protective film to protect the surface during transport and processing. The self-adhesive protective film is provided for a limited period of time, i.e. it must be removed immediately after processing the laminate, but no later than 6 months after the delivery date. The temperature resistance of the protective film is approx. 140°C.

Please find more detailed information in the technical leaflet "EGGER Laminates with protective film".

Care and cleaning recommendation

Due to its resistant, hygienic and dense surface, EGGER Laminate PerfectSense Premium Gloss 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.

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"
- Technical leaflet "EGGER Laminates with protective film"
- Technical leaflet „Cleaning and care recommendations for EGGER product surfaces“

Provisional note:

This technical datasheet 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 von EGGER Laminates PerfectSense Premium Gloss, as well as from changes to standards and public law documents. The contents of this technical datasheet should therefore not be considered as instructions for use or as legally binding. Our General Terms and Conditions apply.