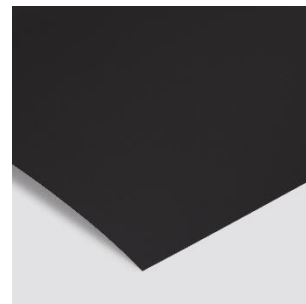


## Technical data sheet

EGGER Laminate PerfectSense Topmatt with coloured core



### Description

EGGER Laminate PerfectSense Topmatt with coloured core is a decorative laminate based on curable resins. It has a multi-layered structure and consists of melamine resin impregnated decorative papers and with a lacquer-based surface.

Description:	EGGER Laminate PerfectSense Topmatt with coloured core
Material type:	BTS (Coloured core laminate, Thin laminate, Standard grade)
Standard-size:	2,800 x 1,310 mm
Maximum length:	5,600 mm
Minimum length:	800 mm
Width:	1,310 mm
Nominal thickness:	0.80 mm
Protective film:	Standard

### Product versions / Availability

EGGER laminate PerfectSense Topmatt with coloured core is available in the decors W1101 Solid Alpine White and U9991 Solid Black. It is available in selected EGGER plants ex stock and from just on piece upwards. Laminate PerfectSense Topmatt with coloured core is only supplied as sheet format including protective film.

### Quality characteristics/Technical data

Laminates with a lacquer-based surface are currently not covered by or classified in the EN 438 standard. In accordance with EN 438-9, the EGGER Laminate Coloured Core is classified as a BTS laminate. **BTS** is derived from coloured core laminate, thin laminate, standard grade. This laminate can be used in horizontal applications and is not postformable.

Property	Test standard	Unit or feature	Value
Thickness	EN 438-2	mm	± 0.15
Length and width <sup>b</sup>	EN 438-2	mm	+10/-0
Flatness <sup>a</sup>	EN 438-2	mm/m (max.)	100
Resistance to surface wear	EN 438-2	Revolutions (min.) Initial point	150
Resistance to scratching	EN 438-2	Rating (min)	≥ 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 <sup>a</sup>	0.80
Resistance to staining	EN 438-2	T <sup>b</sup>	1.40
		Rating (min.)	
Resistance to staining	EN 438-2	Groups 1 and 2	5
		Group 3	4
Lightfastness (Xenon arc lamp)	EN 438-2	Grey scale rating (min.)	
		Surface	4 <sup>d</sup>
		Core	3 <sup>d</sup>

<sup>a</sup> Provided that the laminate is stored in the manner and conditions recommended by EGGER.

<sup>b</sup> Tolerances for cut-to-size panels shall be agreed between EGGER and the purchaser.

<sup>d</sup> Extraneous darkening and/or photochromism are due to the shock effect of accelerated exposure; they are not characteristics of natural exposure.

L<sup>a</sup> = in the longitudinal direction of the fibrous sheet material (normally the direction of the longest dimension of the laminate).

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

## Application note

The lacquer-based surface of PerfectSense Laminate Topmatt with coloured core means that 100% matching colours with Eurodekor and EGGER laminate cannot be guaranteed.

## Reaction to fire

To avoid unnecessary tests, building materials with known fire behaviour and defined material properties can be classified without further testing (CWFT - Classification without further testing). According to EN 438-7, wood-based panels laminated with EGGER Laminate can be classified as D-s2,d0 according to EN13501-1 under the conditions described in the table below.

Product	Product details	Minimum density [kg/m <sup>3</sup> ]	Minimum overall thickness [mm]	Class EN 13501-1
Laminate composite panels with wood based substrates	Composite panels comprising non FR grade laminate meeting the requirements of EN 438-3, adhesively bonded to both sides on non FR grade wood based core of minimum thickness 12 mm complying with EN 13986, using PVAc or thermosetting adhesive at an application rate of 60 g/m <sup>2</sup> to 120 g/m <sup>2</sup> .	Wood-based core minimum density 600	12 mm wood based core with laminate ≥ 0.5 mm bonded to both sides	D-s2,d0
		Laminate minimum density 1,350		

## Care and cleaning recommendation

Due to its resistant, hygienic and dense surface, EGGER Laminate PerfectSense Topmatt with coloured core 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. Refatting agents, as used in some cases in plastic cleaners, also lead to changes in the gloss level and, in order to maintain anti-fingerprint properties, must be removed without residue from the surface.

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 leaflet "EGGER Laminate with Protective Film"
- Technical leaflet "EGGER Laminate Cleaning and Use Instructions"

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 EGGER laminates, 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.