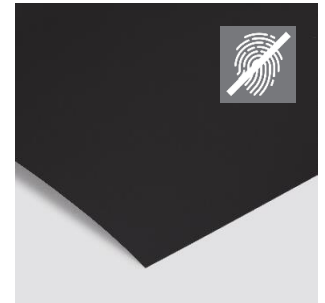


## Technical data sheet

### EGGER Laminates PerfectSense Topmatt with coloured core



### Material description

<b>Description:</b>	EGGER Laminates PerfectSense Topmatt with coloured core
<b>Product description:</b>	decorative, UV lacquer finished laminates
<b>Laminate type<sup>1)</sup>:</b>	<b>BTS</b> (Coloured core laminate, Thin laminate, Standard grade)
<b>Nominal thicknesses sheets:</b>	0.80 mm
<b>Standard sizes:</b>	2,800 / 3,050 x 1,310 mm; 2,464 x 1,245 mm (4' x 8')
<b>Maximum width:</b>	1,310 mm
<b>Standard widths:</b>	950; 1,020; 1,245 and 1,310 mm
<b>Maximum length:</b>	4,100 mm
<b>Standard lengths:</b>	2,464; 2,800; 3,050 and 4,100 mm
<b>Protective foil:</b>	yes

<sup>1)</sup> Classification BTS according to EN 438-3

### Availability

EGGER Laminate PerfectSense Topmatt with coloured core is available in the decors W1101 Solid Alpine White and U9991. It is available in selected decors ex stock and from just one piece upwards, according to the country-specific availability guides. Laminate PerfectSense Topmatt with coloured core is only supplied as sheet format including protective foil.

### 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 438-9 Laminate PerfectSense Topmatt with coloured core can be assigned to the standard classification **BTS** (Coloured core laminate, Thin laminate, Standard grade) (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	± 0,15
Length and width <sup>b</sup>	EN 438-2	mm	+10/-0
Flatness <sup>a</sup>	EN 438-2	mm/m (max.)	100

Property	Test standard	Unit or feature	Value
Resistance to surface wear	EN 438-2	Revolutions (min.)	150
Resistance to scratching	EN 438-2	Rating	≥ 4
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
		T <sup>b</sup>	1.40
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 surface core	4 <sup>d</sup> 3 <sup>d</sup>
Cross-cut	DIN EN ISO 2409	Cross-cut index	0-1
Gloss level (60°)	EN ISO 2813	GE	3 ± 2

<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 purchaser.

<sup>d</sup> Extrinsic 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).

## Technical application note

The very matt PerfectSense Topmatt with coloured core surface is based on a UV lacquer finish with anti-fingerprint properties. 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 Topmatt with coloured core 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 Topmatt with coloured core are fitted with a protective foil to protect the surface during transport and processing. The self-adhesive protective foil 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.

Please find more detailed information in the "EGGER Laminates with Protective Foil" leaflet.

## 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.

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 Foil"
- 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 Topmatt with coloured core, 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.