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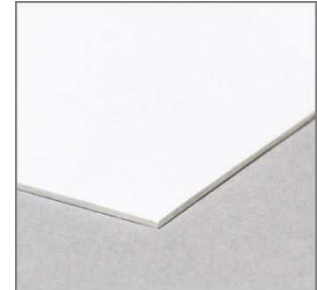


QUALITY MANAGEMENT ISO 9001

Coding: TD STS FK EN
Revision: 04
Released 06.05.2019
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Technical data sheet

EGGER Laminate Coloured Core



Description

EGGER Laminate Coloured Core is a decorative laminate based on curable resins. It has a multi-layered structure and consists of melamine resin impregnated decorative papers.

Areas of application

Interior applications in medium to high traffic areas. Laminate with coloured core allows applications without visible or interfering edges and joints. For high-grade solutions in interior, shop and exhibition construction, such as furniture and design elements, worktops and table surfaces, door panelling, exhibition and sales modules.

Product versions / Availability

EGGER Laminate Coloured Core is part of the **EGGER Decorative Collection**. Selected decors and sizes are available ex stock and from just one sheet upwards, according to the country-specific availability guides. Laminate with a coloured core is supplied exclusively as a format product.

Standard nominal thickness	Standard dimension
0.80 mm	2,800 x 1,310 mm

Overview of our order-specific delivery options

Nominal thickness	0.80 mm
Maximum width	1,310 mm
Maximum length	5,600 mm
Minimum length	800 mm
Minimum quantity	260 m ²

Added Benefit

EGGER Laminate Coloured Core in the nominal thicknesses 0.80 mm is **MED (M**arine **E**quipment **D**irective) certified. The MED quality, which is confirmed by Lloyd's certificates, enables the use of laminates in shipbuilding.



Responsible : PM Furniture and interior design

Quality characteristics/Technical data

In accordance with EN 438-9, the EGGER Laminate Coloured Core is classified as a BTS laminate. **BTS** is derived from coloured core lamiate, 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 ^b	EN 438-2	mm	+10/-0
Flatness ^a	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) smooth finishes textured finishes	2 3
Resistance to water vapour	EN 438-2	Rating (min.) gloss finish other finishes	3 4
Resistance to dry heat (160 °C)	EN 438-2	Rating (min.) gloss finish other finishes	3 4
Dimensional stability at elevated temperatures	EN 438-2	% max. L ^a T ^b	0.80 1.40
Resistance to staining	EN 438-2	Rating (min.) Groups 1 and 2 Group 3	5 4
Lightfastness (Xenon arc lamp)	EN 438-2	Grey scale rating (min.) Surface Core	4 ^d 3 ^d

^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.

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

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 note

The colour perception of a laminate decor is significantly influenced by the core colour of the laminate. The coloured core may result in a colour difference and, therefore, a 100 percent colour match between Eurodecor 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 Coloured Core does not require any special form of care. The surface is generally easy to clean; this also applies to textured surfaces. Do not use sanitary cleaners or detergents with abrasive components; as such cleaners may lead to changes in the gloss level and/or scratching of 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 leaflet "EGGER Laminate with Protective Film"
- Technical leaflet "EGGER Laminate with Highgloss surface – HG"
- Technical leaflet "Chemical Resistance EGGER Laminate"
- 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.