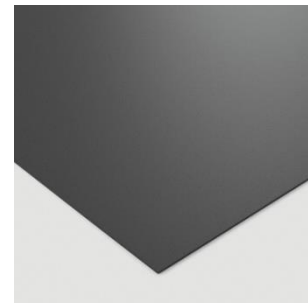


Technical datasheet

EGGER Laminate Colored Core



Description

EGGER Laminate Colored core is a decorative laminate based on curable resins. The laminate is constructed by fusing multiple layers and consists of melamine resin impregnated decor paper.

Laminate grade: **BTS** – Colored core laminate **T**hin laminate **S**tandard grade

Nominal thickness: 0.031 Inch (0.80 mm)

Availability

Laminate Colored Core is part of the **EGGER Decorative Collection**. Selected decors are available ex stock and from just one sheet upwards, according to the country-specific availability guides.

Technical data

Property	Test standard	Unit or feature	Value
Thickness	ISO 4586-2	Inch (mm)	± 0.006 (0.15)
Length and width ^{a)}	ISO 4586-2	Inch (mm)	+0.39/-0 (+10/-0)
Flatness ^{b)}	ISO 4586-2	Inch per inch (mm/m (max.))	0.1 (100)
Resistance to surface wear	ISO 4586-2	revolutions (min.) initial point wear value	150 350
Resistance to scratching	ISO 4586-2	Rating (min.) gloss finish other finishes	2 3
Resistance to water vapour	ISO 4586-2	Rating (min.) gloss finish other finishes	3 4
Resistance to dry heat 320 °F (160 °C)	ISO 4586-2	Rating (min.) gloss finish other finishes	3 4
Dimensional stability at elevated temperature	ISO 4586-2 (Method A)	% max. L ^a T ^b	0.80 1.40

Property	Test standard	Unit or feature	Value
Resistance to staining	ISO 4586-2 (Method A)	Rating (min.) Groups 1 and 2	5
		Group 3	4
Lightfastness [Xenon arc lamp]	ISO 4586-2 (Method A)	Grey scale rating (min.) Surface	4 ^d
		Core	3 ^d

^{a)} Tolerances for cut-to-size panels shall be agreed between supplier and purchaser.

^{b)} Provided that the laminate is stored in the manner and conditions recommended by EGGER.

^{d)} Extraneous darkening and/or photochromism are due to the shock effect of accelerated exposure and are not characteristic 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).

Added Benefit

EGGER Laminate Colored core in the nominal thickness 0.031 Inch (0.80 mm) is **MED** (Marine Equipment Directive) certified. The MED quality, which is confirmed by Lloyd's certificates, enables the use of laminates in shipbuilding.

Application note

The color perception of a laminate decor is significantly influenced by the core color of the laminate. The colored core may result in a color difference and, therefore, a 100 percent color match between Eurodecor and EGGER laminate cannot be guaranteed.

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 datasheet should therefore not be considered as instructions for use or as legally binding. Our General Terms and Conditions apply.

