

Technical data sheet

EGGER XL Laminates



Description

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

Laminate grade: HGS – Horizontal General-purpose Standard

Nominal thickness: 0.031 Inch (0.80 mm)

Availability

XL Laminates 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.

Added Benefit

EGGER Laminate XL is **MED (Marine Equipment Directive)** certified and also meets the requirements of the IMO (International Maritime Organisation). The confirmed MED quality can be identified by the "Mark of Conformity" (wheel mark) printed on the rear and allows the laminate to be used in shipbuilding. Planners need the certificates "EC Certificate of conformity - Module D", "EC Type Examination Certificate - Module B" and "Certificate of fire approval" to prove the product quality. Fabricators require the "Declaration of Conformity" in the event of an order. The declaration of conformity must be requested from EGGER with the laminate order. The production order number and the order number are noted on the declaration of conformity

Technical data

Property	Test standard	Unit or feature	Value
Thickness	ISO 4586-2	Inch (mm)	± 0.004 (0.10)
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.)	0.06 (60)
Resistance to surface wear	ISO 4586-2	revolutions (min.) initial point wear value	150 350
Resistance to impact by small diameter ball	ISO 4586-2	N (min)	≥ 20
Resistance to scratching	ISO 4586-2	Rating (min.) textured finishes	3
Resistance to water vapour	ISO 4586-2	Rating (min.) textured finishes	4
Resistance to wet heat	ISO 4586-2	Rating (min.) textured finishes	4
Resistance to dry heat 320 °F (160 °C)	ISO 4586-2	Rating (min.) textured finishes	4
Dimensional stability at elevated temperature	ISO 4586-2 (Method A)	% max. L ^a T ^b	0.55 1.05
Resistance to staining	ISO 4586-2 (Method A)	Rating (min.) Groups 1 and 2 Group 3	5 4
Lightfastness [Xenon arc lamp]	ISO 4586-2 (Method A)	Grey scale rating	4

^{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.

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).

Additional documents / Product information

You will find further information in the following documents:

- Processing Instructions “EGGER Laminates”
- 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.