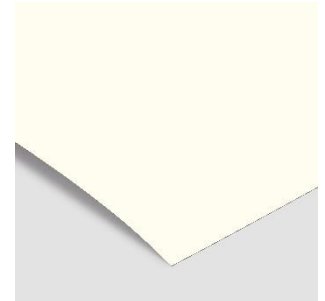


Technical data sheet

EGGER Laminates Painting Grade / Bonding Grade



Description

EGGER Laminates Painting Grade / Bonding Grade are laminates based on curable resins. They have a multi-layered structure and consist of a paintable or bondable front side, a sanded back side and one or more impregnated core layers.

Description: EGGER Laminates Painting Grade / Bonding Grade
 Type of material: P (Postforming) based on EN 438-3
 Application: Colour or surface finishing through e.g. lacquering or real wood veneer bonding
 Certification: MED (Marine Equipment Directive) for nominal thicknesses 0.60 and 0.80 mm

Availability

EGGER Laminates Painting Grade / Bonding Grade are available with a white or black front side. Production with a minimum order quantity of 260 m² per version is always made to order – see section “Form of delivery”.

Technical data

Based on the EN 438-3, EGGER Laminates Painting Grade / Bonding Grade can be classified as laminate type P (Postforming).

Property	Test standard	Unit or feature	Value
Thickness	EN 438-2	mm	± 0.10
Length ¹⁾ and width ²⁾	EN 438-2	mm	+ 10 / - 0
Flatness ³⁾	EN 438-2	mm/m (max.)	60
Formability	EN 438-2	mm L ^a T ^b	≤ 10 x nominal thickness ≤ 20 x nominal thickness

¹⁾ Length tolerance only applies to laminate supplied in sheets, not for rolls.
²⁾ Tolerances for cut-to-size panels shall be agreed between EGGER and purchaser.
³⁾ Provided that the laminate is stored in the manner and conditions recommended by EGGER.
 L^a = axis of bending parallel to the fibre direction (usually parallel to the direction of sanding).
 T^b = axis of bending at right angles to the fibre direction.

Form of delivery

Laminates Painting Grade / Bonding Grade can be supplied as roll material or cut to size, depending on the laminate thickness. Our order-related delivery options in overview:

Options EGGER Laminates Painting Grade / Bonding Grade	
Front side colour	Black, White
Nominal thickness range	0.15 ³⁾ ; 0.30; 0.40; 0.60 ¹⁾ and 0.80 ¹⁾ mm
Nominal thickness – sheet form	≥ 0.40 mm to 0.80 mm
Nominal thickness – roll format	≥ 0.15 mm to 0.60 mm
Maximum length – sheet form	5,600 mm; 50 mm grid
Minimum length – sheet form	800 mm; 50 mm grid
Roll length	200 and 400 m
Maximum width	1,310 mm ²⁾
Individual width	on request; 10 mm grid
Core diameter	150 mm
Minimum quantity	260 m ²

¹⁾ MED certified.

²⁾ maximum width of 1,300 mm for a nominal thickness of 0.15 mm.

³⁾ Version with nominal thickness 0.15 mm must be sanded before painting and cannot be glued on the front side.

Technical application note

With this laminate quality, the coloured front side can be bonded or painted. Due to an unsanded bondable front side and a sanded bondable back side, bonding on both sides can be implemented with commercially available adhesives for laminates. Due to the wide range of adhesive systems, we recommend preliminary tests.

For painting the front side, a “cleaning sanding” with grain 240 - 280 is always recommended to ensure that there are no residues on the surface. Due to the wide variety of primer and lacquer systems, preliminary tests are also essential here.

Laminates Painting Grade / Bonding Grade with a nominal thickness of 0.15 mm must be sanded before painting and cannot be bonded on the front side!

For information on storage and handling, please refer to the processing instructions “EGGER Laminates”.

MED Certification

EGGER Laminates Painting Grade / Bonding Grade in nominal thicknesses of 0.60 and 0.80 mm are **MED** (**M**arine **E**quipment **D**irective) certified and also meets the requirements of the **IMO** (**I**nternational **M**aritime **O**rganization). The MED quality, confirmed by an accredited testing institute, allows the laminate to be used in ship interior, identifiable by the "Wheelmark" printed on the back.

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.

Additional documents / Product information

You will find further information in the following documents:

- Processing Instructions "EGGER Laminates"

Provisional note:

This technical data sheet 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 Painting Grade / Bonding Grade, 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.