Technical data sheet

EGGER Laminate XL

Description

EGGER Laminate XL is a decorative laminate based on curable resins. Laminate XL has a multilayer structure and consists of melamine resin impregnated decorative paper and several core layers impregnated with phenolic resin.

- **Laminate grade:** HGS (Horizontal General-purpose Standard)
- **Standard dimension:** 2,790 x 2,060
- **Nominal thickness:** 0.80 mm

Availability

Laminate XL 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.

Added Benefit

EGGER Laminate XL is MED (Marine Equipment Directive) certified. The MED quality, which is confirmed by Lloyd’s certificates, enables the use of laminates in shipbuilding.

Technical data

In accordance with EN 438-3, EGGER Laminate is classified as an HGS laminate (Horizontal General-purpose Standard). This means that the laminate can be used for horizontal applications and is not postformable.

<table>
<thead>
<tr>
<th>Property</th>
<th>Test standard</th>
<th>Unit or feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>EN 438-2</td>
<td>mm</td>
<td>±0.10</td>
</tr>
<tr>
<td>Length[^a]</td>
<td>EN 438-2</td>
<td>mm</td>
<td>+10/ -0</td>
</tr>
<tr>
<td>Width[^a]</td>
<td>EN 438-2</td>
<td>mm</td>
<td>±10</td>
</tr>
<tr>
<td>Flatness[^a]</td>
<td>EN 438-2</td>
<td>mm/m (max.)</td>
<td>60</td>
</tr>
<tr>
<td>Resistance to surface wear</td>
<td>EN 438-2</td>
<td>revolutions (min.) initial point</td>
<td>150</td>
</tr>
</tbody>
</table>
**Reaction to fire**

To avoid unnecessary tests, building materials with known fire behaviour and defined material properties can be classified without further testing (CWFT - Classification without further testing). According to EN 438-7, wood-based panels laminated with EGGER Laminate can be classified as D-s2,d0 according to EN13501-1 under the conditions described in the table below.

<table>
<thead>
<tr>
<th>Product</th>
<th>Minimum density (kg/m³)</th>
<th>Minimum overall thickness (mm)</th>
<th>Class EN 13501-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laminate composite panels with wood based substrates</td>
<td></td>
<td></td>
<td>D-s2,d0</td>
</tr>
</tbody>
</table>

Provided that the laminate is stored in the manner and conditions recommended by EGGER.

Tolerances for cut-to-size panels shall be agreed between EGGER and purchaser.

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