LAMILUX Anti Slip

innovative fiberglass solutions

Description

LAMILUX Anti Slip is a fiberglass product which combines the good mechanical strengths and durability of fiber-reinforced materials with an anti slip-coating. Due to the unique continuous production process the coating is applied very constantly and shows a very regular distribution and excellent adhesion.
LAMILUX Anti Slip is available

- in thicknesses of 1.5 mm - 2.4 mm (quality: standard) and in width up to 3.20 m
- with chopped strand-mat, woven fabric- or biaxial fabric reinforcement
- in sheets or coils
- with various grades of anti slip-effect
- colors: black (similar RAL 9005), grey shades (similar RAL 7030, RAL 7040 or RAL 7043)
- other thicknesses, colors and dimensions on request
- optional in the version PES (based on polyester resin)

Specific advantages

- good strengths and durability
- adjustable anti slip-effect (Classification R 10 up to R 13 according to DIN 51130)
- consistently high quality thanks to continuous manufacturing process

Application

- truck flooring
- loading ramps
- toy haulers
- rear garages in the caravan industry

Technical Values for LAMILUX Anti Slip

<table>
<thead>
<tr>
<th>Technical dates and mechanical properties</th>
<th>LAMILUX Anti Slip</th>
<th>Test method</th>
<th>Anti Slip (fine)</th>
<th>Anti Slip (medium)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final thickness (incl. anti slip coating)</td>
<td>Internal</td>
<td>1.8 mm</td>
<td>2.1 mm</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>Internal</td>
<td>2000 g/m²</td>
<td>2500 g/m²</td>
<td></td>
</tr>
<tr>
<td>Glass content</td>
<td>Internal</td>
<td>20 %</td>
<td>20 %</td>
<td></td>
</tr>
<tr>
<td>Flexural strength</td>
<td>DIN EN ISO 14125</td>
<td>75 N/mm²</td>
<td>75 N/mm²</td>
<td></td>
</tr>
<tr>
<td>Flexural e-modulus</td>
<td>DIN EN ISO 14125</td>
<td>4800 N/mm²</td>
<td>2900 N/mm²</td>
<td></td>
</tr>
<tr>
<td>Tensile strength</td>
<td>DIN EN ISO 527-4/2/2</td>
<td>70 N/mm²</td>
<td>70 N/mm²</td>
<td></td>
</tr>
<tr>
<td>Tensile e-modulus</td>
<td>DIN EN ISO 527-4/2/2</td>
<td>6200 N/mm²</td>
<td>5500 N/mm²</td>
<td></td>
</tr>
<tr>
<td>Anti slip grade</td>
<td>DIN 51130</td>
<td>R12</td>
<td>R13</td>
<td></td>
</tr>
</tbody>
</table>

Please note the following product use information:

Products manufactured by LAMILUX will provide a clean, aesthetically pleasing finished installation. However, by nature, fiberglass reinforced plastic panels may occasionally have small areas that are aesthetically unacceptable for use. Panels should be inspected on-site prior to installation or lamination and original LAMILUX skid tag/ticket number removed and retained. If any portion of material will not provide an acceptable appearance, LAMILUX should be notified at once. Please report the non-conforming product utilizing the retained skid tag/ticket number. Upon verification of unacceptability, LAMILUX will replace or refund the purchase price of the non-conforming product.

Storage requirements

Keep contents dry. Store indoors in a well ventilated area. Exposure to moisture will cause discoloration and lead to poor adhesive bonding.

Lamination

LAMILUX recommends that the moisture content of lauan substrate be not greater than 12% at the time of lamination and that the glue coverage between the LAMILUX panel and the substrate be 100% coverage at the weight and thickness recommended by the adhesive manufacturer. Prior to lamination, the frp panel must be free of dust moisture, particulates, or backside contaminants to ensure 100% bond. The quality of the substrate surface must also be free of dust or particulates prior to lamination. LAMILUX will not be responsible for any loss resulting from sub-standard lamination processes.

Testing has indicated that non-lauan substrates, such as layered paper based products, do not perform well and may cause failure between the panel and the substrate.

After lamination, the substrate must not be subjected to water intrusion or leakage as this may cause delamination and/or gel-coat blistering, which will not be covered under warranty.

Sidewall construction without substrates

LAMILUX should be consulted before specifying and installing any substrate-free product.

Minimum bend radius

LAMILUX recommends all radius bends be supported by a solid substrate and not exceed the maximum bend radius specified on the product technical data sheet.

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