Data Sheet: Domestic Laminate

Domestic 8 mm laminate floor

Construction
Domestic 8mm laminate is a high-quality laminate floor with the following construction:

1. Overlay, specially impregnated (durable protective layer)
2. Decorative laminate, specially impregnated
3. Special moisture control HDF E1 coreboard aquaResist
4. Balancing laminate

Dimensions
Basis: DIN EN 13329. The underlying stricter company standard is stated along with the respective comparative value of DIN EN 13329.

<table>
<thead>
<tr>
<th>Length</th>
<th>Width</th>
<th>Total thickness</th>
<th>Weight per unit area</th>
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<tbody>
<tr>
<td>2200 mm</td>
<td>243 mm</td>
<td>8 mm</td>
<td>7.21kg/m²</td>
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</table>

Maximum deviation:
- ±0.5mm (DIN EN 13329: ±0.1mm)
- ±0.3mm/m

Slight deviations are possible due to variations in the core board’s bulk density.

Installation system

The patented, glueless installation system provides an easy, perfect-fit and permanent installation of the parquet floor.

On the short sides: Press down
On the long sides: Angle-in

Performance specifications

Level of use [DIN EN 13329]  Reaction to fire [DIN EN 13501-1]  Sliding friction [DIN EN 14041; EN 13893]  Thermal resistance

23 / 32  Cfl-S1  DS / R9  0.065m²K/W

23 = residential application with intensive use
32 = commercial applications with normal loads and traffic

Cfl = flame-resistant

The laminate floor fulfils the requirements for occupational safety in accordance with BGR 181.

Thermal conductivity value; limit value max. for underfloor heating is 0.15 m²K/W

The laminate floor fulfils all requirements of the specified level of use.
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<tbody>
<tr>
<td><strong>Antistatic</strong></td>
<td><strong>≤ 0.05ppm</strong></td>
<td><strong>≤ 300 ppm</strong></td>
<td><strong>Class 1</strong></td>
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<tr>
<td>During the walk test the body voltage is ≤ 2kV.</td>
<td>The result meets the requirements of the Blue Angel - therefore it is at least 50% below the E1 limit value.</td>
<td>Wood is an organic material and therefore emits volatile organic compounds (VOC). This is constantly and strictly monitored. Domestic Laminate fulfills the criteria of the Blue Angel as well as the valid European emissions allowances.</td>
<td>Resistance to a scouring pad which leaves no or only minimal and hardly visible scratches (process: B).</td>
</tr>
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<tr>
<td><strong>AC4</strong></td>
<td><strong>≥ 12 N / ≥ 750 mm</strong></td>
<td><strong>≤ 12%</strong></td>
<td><strong>5 (Gr 1-2) / 4 (Gr 3)</strong></td>
</tr>
<tr>
<td>Wear-through IP ≥ 4000 rotations in accordance with DIN EN 13329.</td>
<td>The impact class results from the falling ball and the impact resistance test.</td>
<td>Requirement according to DIN EN 13329: ≤18%.</td>
<td>No change of gloss / colour by substances or chemicals that are common in a household.</td>
</tr>
</tbody>
</table>

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