Product description:
The **imi-beton mat** is a bio-mat made of polyurethane with a design surface in authentic decors such as concrete, rust and asphalt. **imi-beton mat** is mainly made from vegetable oils such as rapeseed or castor oil and naturally occurring mineral components such as chalk. The **imi-beton mat** consists mainly of renewable raw materials and natural fillers - without PVC, plasticizers, solvents and is therefore low in harmful substances!

Usage options:
The **imi-beton mat** can be used for wall cladding, floors and ceilings. Because it is flexible, the mat is also suitable for interior finishing, furniture fronts, shop and exhibition construction and much more. When used as a floor, additional sealing is necessary.

Technical details:

<table>
<thead>
<tr>
<th>Decor no.</th>
<th>Description</th>
<th>Articel no.</th>
<th>Thickness in mm</th>
<th>Weight per sqm</th>
<th>Dimensions in mm</th>
<th>Wall and ceiling</th>
<th>Flooring</th>
</tr>
</thead>
<tbody>
<tr>
<td>224</td>
<td>imi-beton mat Vintage (sharp-edged)</td>
<td>MVG 1003</td>
<td>3</td>
<td>approx. 5,4 kg</td>
<td>2.600 x 1.000</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>224</td>
<td>imi-beton mat Vintage (4-sided chamfer)</td>
<td>MVG 1073</td>
<td>3</td>
<td>approx. 5,4 kg</td>
<td>2.600 x 1.000</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>224</td>
<td>imi-beton mat Vintage (4-sided chamfer)</td>
<td>MVG 1273</td>
<td>3</td>
<td>approx. 5,4 kg</td>
<td>1.000 x 500</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>226</td>
<td>imi-beton mat vintage anthr. (sharp-edged)</td>
<td>MVG 2003</td>
<td>3</td>
<td>approx. 5,4 kg</td>
<td>2.600 x 1.000</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>329</td>
<td>imi-rost mat (sharp-edged)</td>
<td>MRG 1003</td>
<td>3</td>
<td>approx. 5,4 kg</td>
<td>2.600 x 1.000</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>341</td>
<td>imi-edelrost mat (sharp-edged)</td>
<td>MER 1003</td>
<td>4</td>
<td>approx. 5,8 kg</td>
<td>2.600 x 1.000</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>621</td>
<td>imi-asphalt mat (sharp-edged)</td>
<td>MA 1003</td>
<td>4</td>
<td>approx. 5,8 kg</td>
<td>2.600 x 1.000</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

Structure:

1. protective varnish
2. mineral **imi**-coating in different decors
3. ecological PU substructure

Processing:

- **Cutting**: With cutter knives or normal woodworking machines.
- **Sawing/drilling/milling**: With normal carbide tipped tools.
- **Bonding**: See installation instructions.
- **Cleaning/Care Clean**: With a damp cloth. In case of heavy soiling, a neutral cleaner can be added to the wiping water. For more detailed instructions, see care instructions.
- **Storage**: Dry storage. Protect from frost.
- **Repair**: Damage to the surface can be repaired by simply re-sealing the affected areas.
- **Skirting board**: Commercially available skirting boards or adhesive strips.
- **Rounding**: Suitable for inner radii from approx. 100 mm and outer radii from approx. 150 mm.
- **Acclimatisation**: The imi-beton mat must be acclimatised before installation/processing. See acclimatisation information in or on the packaging or installation instructions. In case of rolled goods, the roll must acclimatise in the packaging.
- **Floor heating**: Suitable for all conventional hot water underfloor heating systems and regulated electrical systems up to a surface temperature of 27° C.
- **Floor installation**: In order to maintain the high quality in the floor area, additional sealing is necessary in any case. For this purpose we recommend a 2-component water-based lacquer. Please follow the processing guidelines of the respective manufacturer.

A coating recommendation can be found on our website at:

### Technical datasheet

**Classifications:**

<table>
<thead>
<tr>
<th>Classification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utilization class 23</td>
<td>EN ISO 10874</td>
</tr>
<tr>
<td>Utilization class 31</td>
<td>EN ISO 10874</td>
</tr>
</tbody>
</table>

- slip resistance: DIN 51130: R9* (*R10 possible with appropriate top coat, see coating recommendation on [imi-beton.com](http://imi-beton.com))
- fire class: EN13501-1:2007: C-s1, d0 (comparable with B1 of DIN4102-2)
- light fastness: EN ISO 105-B02: blue scale: ≥ 6, grey scale: ≥ 4
- Test specimen contrast: EN 20105-A02: blue scale: ≥ 6, grey scale: ≥ 4
- thermal insulation resistance: ISO 8302: ~ 0.01 (m²K)/W
- impact sound reduction: EN ISO 10140: ~ 4 dB
- dimensional stability: EN ISO 23999: ~ 0.10 %

Information is provided according to our best knowledge. The contents, however, is not legally binding. The user is not released from verifying that the materials are suitable for the intended purpose. Technical changes reserved. The main component of the mineral imi coating is organic so that colour shadings between different lots can not be excluded completely. Samples of these materials only show the general appearance and cannot unite the characteristics like colour, texture and structure. Differences of any kind, as well as air inclusions, are natural and no reason for claim. Low distortion as well as little displacements in the joint area and minor gap formation cannot be fully excluded.