

Processing data sheet for mats made by imi



www.blauer-engel.de/uz120

In this technical data sheet, we have compiled some important informations: for the installation and care of our imi mats. You will also find a list of the technical data for classification in accordance with EN 16776:2016 (resilient floor coverings).

Even if it's a little bit more to read... it's best to look through everything. This will ultimately save you time during installation.

The instructions apply to all imi Bio-PU mats, regardless of which design surface is on top.

We wish you every success with your project and lots of fun with the finished mats! If you have any further questions, please contact us at post@svenbauhaus.de.

Your PLATTENLADEN team

1. Acclimatisation

The imi mats and all installation aids should be acclimatised for at least 24 hours before installation in the rooms in which they will later be installed.

The following room climate conditions are important:

- air temperature in the room > 18°C (but not more than 26°C)
- floor temperature > 15°C (not more than 22°C)
- relative humidity < 65%

Please also ensure that the room climate conditions remain constant during the entire acclimatisation phase (as well as during the setting phase of the adhesive). It is also important to maintain these room climate conditions for at least 72 hours before, during and after bonding the mats.

Please ensure that the mats supplied are in perfect condition before installation. No complaints can be made about cut-to-size or installed goods afterwards.

2. Substrate requirements

The substrate on which you want to lay the imi mats should have the following properties:

- sufficient strength, load-bearing capacity, dimensional stability and permanent dryness
- free of adhesion-reducing layers (e.g. dust, dirt, oil, grease) and loose particles

If you are working on old floor coverings, please ensure that they are firm, have been thoroughly cleaned, sanded and, if necessary, treated with a plasticiser barrier.

For installation on walls, please prime absorbent substrates with a deep penetrating primer and ensure that the walls are flat.

3. Installation

Wall covering

As a wall covering, the imi mat should always be glued over the entire surface.

For absorbent substrates, we recommend the use of low-emission and solvent-free dispersion adhesives. Wet-bed adhesives are much more suitable than pressure-sensitive adhesives. The amount of adhesive you need may vary depending on the type and formulation of the adhesive. Please pay attention to the adhesive manufacturer's instructions or the specified TKB toothing and also observe the adhesive manufacturer's processing guidelines.

External wall corners

When working on external wall corners, it is possible to create a bevelled edge on site. You can treat this bevel with matt edge cover paint. For a really good installation and utilisation result, make sure that the adhesive on the back of the mat is well bonded. However, you should not use more adhesive than necessary to avoid crushing the adhesive. „As much as necessary, as little as possible“ is the motto. Sometimes it makes sense to carry out a test bond beforehand.

Installation on the floor

As a floor covering, the imi mat is also glued over the entire surface. To level out any unevenness in the floor, we recommend laying our imi mats with a bevelled edge.

We have compiled a list of suitable adhesives for you here. So you don't have to do a lot of research.

The following wet adhesives are approved by the respective manufacturers for laying the imi mat:

Wall:

- Ovalit S und Ovalit P – Metylan
- High-Tack – WULFF (blue angel)
- Emiclassic and Durocol – Schönox
- KE 2000 S – Uzin Utz AG (blue angel)
- D 3318 MultiFlex – WAKOL (blue angel)
- D 3360 VersaTack – WAKOL
- MS 550 PVC- and rubber adhesive – WAKOL
- Bostik's Best – Bostik
- Ardaflex Multi – Bostik
- KE 68T – Uzin

Floor:

- Durocoll – Schönox
- Supra-Strong – WULFF (blue angel)
- Multi-Strong – WULFF (blue angel)
- KE 2000 S – Uzin Utz AG (blue angel)
- D 3318 MultiFlex – WAKOL (blue angel)
- D 3360 VersaTack – WAKOL
- MS 550 PVC- and rubber adhesive – WAKOL
- Bostik's Best – Bostik
- Elastostik Xtrem – Bostik
- Ardaflex Multi – Bostik
- KE 68 – Uzin

4. Important general informations

imi mats must be placed in the adhesive bed after an appropriate flash-off time, joint-tight and tension-free. Then press them down over the entire surface using a suitable pressing device (hand roller or pressing board).

For floor covering, we recommend that you also roll it evenly with a heavy link roller (min. 50 kg) promptly after bonding and within the installation time specified by the manufacturer.

The installed imi mats should only be put into operation / loaded after the adhesive has completely set (observe the adhesive manufacturer's instructions). Please note for customer orders that you as the contractor have a maintenance obligation (protection of the surface from damage by subsequent trades) for a completed but not yet accepted trade. Partial acceptance transfers the maintenance obligation for the accepted areas to the client.

For imi mats supplied with sharp edges, we recommend that you slightly break the edges on the decor side before installation (deburring, with sandpaper: grit approx. 150).

5. Care instructions

Cleaning

You can clean the imi mats as required at daily or longer intervals. Loose dirt can be removed by sweeping, vacuuming or damp mopping. If the surface is very dirty, you can add a little neutral detergent to the mopping water.

If you have installed imi mats on the floor, the slip resistance is significantly influenced by the amount of dirt, the frequency of cleaning and the cleaning/care products used. Therefore, please only use coordinated cleaning/care products from one manufacturer.

Scouring powders, sanitary cleaners, acids or strong solvents can damage the design surface and are best left in the cupboard.

Stain removal

Please remove staining or aggressive substances from the beautiful design surface immediately. If you want to use cleaning agents or stain removers, please check the material compatibility in advance on an inconspicuous area or on an unglued remnant / sample. The instructions and regulations of the cleaning agent manufacturer must of course be observed.

General care instructions

- Please fit chairs, tables and furniture legs with suitable protective glides or pads. It is best to use light-coloured, migration-free furniture glides as a preventative measure.
- Chair and furniture castors must be suitable in accordance with DIN EN 12529 (type „W“ - soft).
- The contact surfaces of chair and furniture glides must lie flat and have rounded edges.
- With metal glides, there is a risk that they will corrode in contact with moisture and then cause stains. Terracotta or clay flower pots/pots can also cause discolouration on resilient floor coverings. Please use suitable coasters.
- High point loads with a small contact area (including stiletto heels or high heels) can lead to irreversible indentations or damage to the design surface. For furniture, please use sufficiently dimensioned underlays to distribute the load.
- Colored wound and skin disinfectants as well as hair dyes or bleaching agents containing peroxide, for example, can cause irreversible discolouration, as on all surfaces. So please take care when using them. If you use/apply/process such chemical, coloring substances or food, please also test the resistance of the surface on an inconspicuous area of the covering or on an unglaid piece of covering/pattern.

6. Waste disposal

Private waste disposal

You can dispose of imi mats, remnants and individual pieces, such as coated furniture parts, with normal household waste/bulky waste.

Commercial waste disposal

Waste No. (Germany) AVV 170203



Technical data

Classification according to EN 1667:2016 (elastic floor coverings)

Utilisation classification 23 EN ISO 10874	heavily used private floor areas
Utilisation klassifikation 34* EN ISO 10874	heavily used commercial floor areas
Utilisation klassifikation 43* EN ISO 10874	heavily used, industrial areas
Fire classification EN 13501-1	C-s1, d0 (comparable to B1 acc. DIN 4102-2)
Slip resistance DIN 51130	R9
Lightfastness (test method 2) EN ISO 105-B02	scale blue ≥ 6 scale grey ≥ 4
Residual impression EN ISO 24343-1	$\sim 0,03$
Sliding resistance (μ) EN 13893	0,42
Tested furniture base EN ISO 16581-2019	stamp type – Type 2
Suitability for chair castors EN 425	25.000 rotations no damage with roller type W
Resistance to heat transfer ISO 8302	$\sim 0,01$ (m ² k)/W
Impact sound reduction EN ISO 10140	~ 4 decibel
Dimensional stability EN ISO 23999	$\sim 0,02$ %
Underfloor heating	Suitable for all conventional hot water underfloor heating systems and controlled electrical systems up to a surface temperature of 27°C

*Notice: Installation in utilisation classes 34 and 43 possible, but only after consultation.