

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!

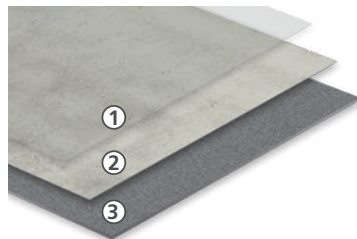
Usage options:

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:

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

Structure:



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


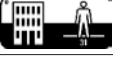








www.blauer-engel.de/uz120

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.
Recycling/Disposal	Private: with normal household waste/bulky waste possible. Commercial: Waste code no. AVV 170203
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 : https://www.imi-beton.com/images/downloads/processing-notes/

Classifications:

	Utilization class 23 EN ISO 10874	Heavy-duty use in the domestic area
	Utilization class 31 EN ISO 10874 *Higher utilization class possible	Medium use in the commercial sector
	slip resistance: DIN 51130	R9* (*R10 possible with appropriate top coat, see coating recommendation on imi-beton.com)
	fire class: EN13501-1:2007	C-s1, d0 (comparable with B1 of DIN4102-2)
	light fastness: EN ISO 105-B02 Test specimen contrast: EN 20105-A02	blue scale: ≥ 6 grey scale: ≥ 4
	thermal insulation resistance ISO 8302	$\sim 0,01 \text{ (m}^2\text{K)/W}$
	impact sound reduction EN ISO 10140	$\sim 4 \text{ dB}$
	dimensional stability EN ISO 23999	$\sim 0,10 \%$

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.