



immobest® 100

2-component pavement fixing mortar

Sandbinder and mineral compound ready for mixing.
For pavings, slabs and clinker with pedestrian use
and passenger car use.

Colors	Catalogue No.	Packaging	Price
Sand Steingrau Basalt	12 001 12 002 12 003	25 kg/bucket 24 buckets/pallet	see price list

Application:

immobest 100 is a paving mortar for pavings of natural stones, concrete paving, slabs and clinker for interior and exterior use.

Only pedestrian use and passenger car use of the paving!

immobest 100 pavings remain water-permeable permanently.
Equal to: Sakret PFE 2, PSB PS 300 W/D, GftK vdw800, Marbos PFM-EP,
Possehl cds-Durit-Beton 0-3 PPR, Megaplast MP 100, Quick-Mix Pflasterverguss EP-PF

CAUTION: fundament has to be water-permeable!

Material use per m²:

Large Paving			Small Paving			Mosaic paving			Slab		
Size cm*cm	Joint cm	kg/m ² use	Size cm*cm	Joint cm	kg/m ² use	Size cm*cm	Joint cm	kg/m ² use	Size cm*cm	Joint cm	kg/m ² use
16*16	1 cm	6,5	10*10	1 cm	9,9	6*6	1 cm	15,4	30*30	1 cm	3,6
	2 cm	13,2								2 cm	7,2
14*14	1 cm	7,2	10*8	1 cm	11,0	5*5	1 cm	18,0	40*40	1 cm	2,7
	2 cm	14,5								2 cm	5,4
12*12	1 cm	8,3	8*8	1 cm	12,0	4*4	1 cm	22,0	50*50	1 cm	2,2
	2 cm	16,5								2 cm	4,5

Handling:



Dimensioning of joints: Joint Width: min. 8 mm
Joint Depth: min. 40 mm

Processing temperature: Dry Weather min. + 7° C

In case of a reconstruction area, joint depth is created by blowing or washing out (30 mm).

In order to avoid sandbinder residues on absorbent stones, the paving should be pre-wet.

Empty PE-bottle with sandbinder completely into the bucket with the mineral compound and mix with a mixer/stirrer for approx. 5 minutes.

Immediately spread the paving mortar onto the surface and work into the joints. Use a tough construction broom and sweep the material deeply, firmly and compressingly into the joints.

After approx. 15-20 minutes (at 20°C) sweep off remnants of material with a soft broom diagonally to the joints.

Note: Do not sweep material residues into the open joints.

Wet surfaces have to be protected from rain.

The surface is ready for use after approx. 24h for pedestrian use, car use after 7 days under conditions of 20°C, 65% humidity. Lower temperatures lengthen, higher temperatures accelerate the curing time.

After usage clean all utensiles with usual detergents. After hardening employ mechanical cleaners. Workers are recommended to wear protective clothing.

Keep away from children. Please mind further notes on back side.

Technical Data:

Material	Processing	Composition	Environment
Density: 1,8 g/cm ³ Tensile strength: 5,0 N/mm ² Compressive strength: 18,0 N/mm ² Elastic Modulus: 2.000 N/mm ² Water permeability: (36000 l/m ²)/h Shelf life: 6 months (no freeze)	Proportion of mixture: Component A and Component B 100:4 Processing time: approx. 20 min. at 20°C Processing temperature: Outside: > 7°C Subsoil: > 7°C	Sandbinder and sand: Silica Sand Grain size: 0,3/1,3 mm immobest Sandbinder on oil base	Water hazard classification: A-Component: WGK 1 B-Component: WGK 2 Waste code: A-Component: 91206 B-Component: 55903 55909 57127

Color samples:



Tender offer:

_____ m² joints cleaning out (30mm depth). Cleaning of surface.

Work immobest 100 in favored color into the prepared joints with a construction broom intensely as required by the producer. Brush off material residues immediately with a soft broom.

€ / m²: _____ Offered price: € _____


Producer: KHW Umweltdienst GmbH
 Industriestrasse 169
 50999 Cologne
 Germany
 Phone: 0049-2236-39 26 60
 Fax: 0049-2236-6 64 92
 E-Mail: info@khw-umweltdienst.de

Note:

Bedding in case of pedestrian use: sandbed or chippings sufficient.
Bedding in case of passenger car use: Surfaces used for passenger car use need a fixed bedding (see RSTO).

Subsoil:
 Subsoil must be drainable.
 Otherwise joint edges might break off due to load. Not drainable subsoils may lead to slack flow and breaking of joints during freeze.
 Official preparing of the surface and handling of the material is mandatory (RSTO, technical bulletin, producer instructions).
 The slight shiny film on the surface (characteristic for every synthetic resin jointing) is minimized by official handling.
 Eventual initial deepening of the stone color disappears gradually during use and weathering. Deepening of color is possible especially with open-pored stones.
 Pre-test on a inconspicuous part of the surface is recommended.

Company Information:



Industriestrasse 169
 50999 Cologne
 Germany
 Phone: 0049-2236- 39 26 60
 Fax: 0049-2236-664 92
 URL: www.khw-umweltdienst.de
 E-Mail: info@khw-umweltdienst.de

- Innovative**
- Ecological**
- Effective**

The product's application possibilities are versatile. This technical bulletin provides only general operation instructions. These instructions conform to our present state of knowledge. Users are called upon to ensure the appropriateness of the product for a designated application. Please contact us in case of doubt. We will be please to give our advice to you.