

WAKOL UM 110 Blocking Mat

Technical Information

Area of application

Loosely laid subfloor with napped backing for blocking excessive residual moisture in

- Cement screed up to max. 5 CM%
- calcium sulphate screed up to max. 2 CM%
- raw concrete ceilings up to max. 7% by weight

as well as for uncoupling subfloors not ready for laying and for protecting existing floors for subsequent laying of

- Tufted carpet with fleece backing or synthetic second backing
- woven flooring
- PVC design floor coverings as boards
- needle fleece flooring
- PVC flooring in rolls and tiles
- CV flooring

indoors.

Special properties



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2)

- Vapour-tight
- fast and simple laying
- no area limitation with textile, PVC and CV flooring

1) Emissions class according to French law

2) Suitable for exposure to castor wheels

Technical data

Raw material base:	Plastic-bonded fibreglass mat with napped backing
Delivery:	Roller
Length:	35 m

Width:	2 m
Thickness:	1.5 mm incl. napping
Mass per unit area:	1,3 kg/m ²
Storage temperature:	not sensitive to frost

Subfloors

The subfloor must be sufficiently firm and level.

Suitable for the following subfloors: unheated cement screed up to max. 5 CM%, unheated calcium sulphate screed up to max. 2 CM%, unheated raw concrete ceilings up to max. 7% by weight (drying test required), old and new existing floors such as linoleum, PVC, CV, Terrazzo, parquet, ceramics and natural stone, sealed and coated surfaces, subfloors contaminated with separating agents (except for contamination with substances that contain mineral oil), as well as, if approved by the Application Technology department in writing, asbestos-containing, undamaged flexible tiles and asbestos-containing CV flooring, in the absence of a direct removal requirement under the Asbestos Directive.

Usage

Loosely lay the acclimatised mat with the nubs down on the subfloor, with the strips lying in the same direction relative to the top covering to be laid. The seams of the blocking mat and of the top covering must have a joint offset of at least 20 cm. Keep a distance of at least 5 mm from the walls and adjacent components.

Use WAKOL MS 245 Montinator or a suitable cover strip to fasten the mat in door areas or other passageways.

Place protective paper under the seams if existing floor coverings are to be retained, to prevent penetration of the adhesive.

When bonding the top covering, keep in mind that the mat is a non-absorbent subfloor. Adapt your method accordingly (for example, adhesive when laying thick flooring). The following Wakol products are suitable:

PVC / CV Flooring, LVT Flooring Adhesive:	WAKOL D 3125 LVT Flooring Adhesive WAKOL D 3360 VersaTack WAKOL D 3320 PVC Adhesive WAKOL PU 270 Polyurethane Adhesive
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Vapour-permeable textile flooring:	WAKOL D 3360 VersaTack WAKOL D 3240 Colleo
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Important

Processing not below floor temperature of +15 °C and room temperature of +18 °C, as well as room humidity preferably between 40 % and 65 %, maximum 75 %. All information is based on approx. 20 °C and 50 % relative air humidity.

Avoid head seams when laying the WAKOL UM 110 Blocking Mat. Do not use on subfloor contaminated with substances containing mineral oil.

PVC design flooring may only be installed as boards and turned 90° to the laying direction of WAKOL UM 110 Blocking Mat.

In door areas or other passageways, fasten the blocking mat, if necessary, with WAKOL MS 245 Montinator or a suitable cover strip.

Place protective paper under the seams if existing floor coverings are to be retained, to avoid contaminating the subfloor. When the mat is laid on old existing floors with joints, the joint pattern may show through thin top coverings following intensive use. When laying on damp subfloors, arrange for sufficient rear ventilation through special ventilating skirting boards, for example.

Assured properties of the top covering (e.g. indentation characteristics) can change when combined with WAKOL UM 110 Blocking Mat. Suitability for wheelchairs is guaranteed if the top covering itself is suitable for chair castors as per DIN EN 425 (elastic flooring) or DIN EN 985 (textile flooring).

We guarantee the uniform high quality of our products. All data is based on tests and many years of practical experience and refers to standardised conditions. The variety of materials used and the different construction site conditions, which lie beyond our control, preclude any claims based on this data. We therefore recommend making sufficient trials. Accompanying flooring manufacturer's instructions and the currently applicable codes must be observed. We gladly provide technical advice.

The product data sheets can be found in their latest version at www.wakol.com.

This Technical Information of 08.02.2021 supersedes all previous versions.