

WAKOL PU 280 Polyurethane Primer

Technical Information

Area of application

One component reaction resin primer for priming absorbent and dense subfloors and reinforcing worn screed edges. For blocking capillary dampness in concrete ceilings and cement screeds without floor heating up to 6 CM%.

When laying parquet on a heated cement composition floor, up to 3 CM% residual humidity may be blocked out.

Special properties

- solvent-free*
- suitable for chairs with castors
- very low emission**
- suitable over underfloor heating

* solvent-free according to the definition of the TRGS 610

** classified according to criteria of the GEV in emicode EC1 R: very low emission

Technical data

Raw material base:	polyurethane resin
Cleaning agent:	WAKOL RV 105 before primer dries
Method of application:	with velour or foam roller
Consumption:	approx. 100-150 g/m ² as primer, approx. 250-350 g/m ² as moisture inhibitor, depending on the absorption capacity of the subfloor
Drying time:	approx. 40-50 minutes
Storage temperature:	not below +5°C, sensitive to frost
Storage time:	approx. 12 months in tightly sealed containers
Giscode:	RU1
Emicode:	EC1 R

Subfloors

The subfloor and the room climate conditions must satisfy the requirements of DIN 18365. Exempt from this is only the residual humidity contents of the subfloor if WAKOL PU 280 is being used for blocking capillary humidity.

WAKOL PU 280 may only be used as moisture barrier on permanently moisture resistant subfloors and for blocking off capillary moisture.

WAKOL PU 280 may not be used on subfloors with permanently ascending moisture and steam diffusion. Cement composition subfloors with an integrated floor heating system may not be blocked off, instead of parquet floorings with a maximum of 3 CM%.

Usage

Shake WAKOL PU 280 well before using. Apply evenly with a velour or foam roller, avoid puddles. If WAKOL PU 280 is used as a moisture barrier, it must be applied crosswise in 2 layers. Each layer must form a thin, continuous film. After the primer has dried, but within 24 hours, apply an adhesion bridge with WAKOL D 3074 Primer concentrate. For details contact our technical department.

Instead of applying the dispersion based primer, a third polyurethane based primer application is possible. In this case, sprinkle entire last layer with WAKOL S 28 sand before primer dries. After the primer has dried, sweep and vacuum the surplus sand.

Levelling with WAKOL Levelling Compounds may be done after the subfloor is completely dry. Precoated areas may be walked on after approximately 40-50 minutes. WAKOL polyurethane resin adhesives (e.g. WAKOL PU 210 or WAKOL PU 270) can be applied directly on the dried primer WAKOL PU 280 within 24 hours.

Important:

Do not use below +15°C. During cold weather periods warm up primer in due time.

WAKOL PU 280 do not use on heavily used surfaces.

During the work, it is recommended to use protecting goggles and gloves. If splashes are in the eyes, rinse with plenty of water and consult a physician. Splashes on the skin may be removed with water and soap. Cleaning must be done at once.

In addition to these specifications the laying instructions of the covering manufacturer and the presently valid standards and information leaflets, especially the leaflet 'Polyester and Epoxy Resins' issued by the Trade Cooperative Association of the Chemical Industry obtainable from the Carl Heymanns Publishing House in Cologne must be observed.

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.

This Technical Information of 04.08.2008 supersedes all previous versions.