



WAKOL PU 280 Polyurethane Primer

Technical Information



Area of application

1-component reaction resin primer for

- priming absorbent and non-absorbent subfloors
- reinforcing abraded concrete edges
- suppressing excessive residual moisture up to max. 6 CM% or max. 95% RH in cement based screeds without under floor heating (2 layers)
- inhibiting future moisture up to max. 3 CM% or max. 85% RH in cement based screeds with under floor heating (2 layers)
- blocking excessive residual moisture up to max. 7% by weight in concrete (2 layers)
- priming calcium sulphate screeds without under floor heating up to max. 0,5% or max 75% RH before the installation of floor coverings (1 layer only)
- priming calcium sulphate screeds with under floor heating up to max. 0,3% or max 65% RH before the installation of floor coverings (1 layer only)

indoors and outdoors.

Special properties



1)



2)

- solvent-free according to TRGS 610
- suitable for wheelchairs
- suitable on underfloor heating

1) based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS R: very low in emissions

2) Emission class according to French law

Technical data

Raw material base:	polyurethane resin
Drying time:	approx. 40 - 50 minutes, at least 2 hours for quartz-containing layers
Cleaning agent:	WAKOL RV 105 Neoprene Dilution, in fresh condition
Storage time:	12 months in tightly sealed containers
Storage temperature:	not below +5°C, sensitive to frost

GISCODE: RU1
EMICODE according to GEV: EC1 PLUS R

Application and consumption³⁾:

WAKOL 100 - 150 g/m² at only one application as primer
Primer roller,
velour or
foam roller

WAKOL 250 - 350 g/m² at double or triple application as moisture barrier
Primer roller,
velour or
foam roller

3) Consumption is dependent on surface structure and absorbability of subfloor

Subfloors

All surfaces should be dry, smooth and level. They should be structurally sound, solid, well fastened, clean and free from all containments. Checks should be made for all curing and parting compounds, surface hardeners, loose toppings or other adhesive inhibitors that could interfere with the intended priming process.

Do not apply WAKOL PU 280 Polyurethane Primer on subfloors with hydrostatic pressure. WAKOL PU 280 Polyurethane Primer can be applied on cement based sub floors in 2 coats and calcium sulphate sub floors in one coat after abrasion and vacuuming.

It is important to take note of all screed manufacturers recommendations as well as country specific codes and standards.

WAKOL PU 280 Polyurethane Primer is not a replacement for a mechanical water- proof DPM and should not be used in areas with permanently ascending moisture.

Usage

Shake the container well before application. Apply the liquid evenly with a velour or foam roller. Avoid puddles. If the product is to be used as a moisture suppressant, it must be applied in two layers. Each layer must form a thin consistent film and the second layer should be applied at a perpendicular angle. Even if the application only requires one layer, it is advisable to spread the liquid in a cross directional action to avoid missing spots.

Once the primer has dried, adhesion (with suitable Wakol adhesives) can take place directly on the primer surface. It is important to use Wakol adhesives within 72 hours of the primer drying. Therefore it is advisable to only prime the area that will need to be adhered to that day.

If additional leveling is required, then suitable Wakol leveling compounds can be used after a layer of WAKOL D 3045 Special Primer has been applied within 24 hours on top of the WAKOL PU 280 Polyurethane Primer.

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 MS 230 Parquet Adhesive, elastic, WAKOL MS 260 Parquet Adhesive, firm-elastic, WAKOL MS 250 Parquet Adhesive, elastic, WAKOL PU 210 Parquet Adhesive or WAKOL PU 270 Polyurethane Adhesive can be applied directly on the dried primer WAKOL PU 280 Polyurethane Primer within 72 hours.

Important

Do not use at temperatures below +15°C. In cold weather, warm up WAKOL PU 280 Polyurethane Primer in due time in heated room. All information is based on approx. 20°C and 65% relative air humidity.

Do not use WAKOL PU 280 Polyurethane Primer on existing floor coverings, like PVC, CV, rubber and linoleum floorings.

Low air humidities as well as higher application quantities lead to extended drying times of WAKOL PU 280 Polyurethane Primer. The surface has to be non-adhesive before conducting further operations.

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.

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. 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 gladly provide technical advice.

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

This Technical Information of 21.07.2014 supersedes all previous versions.

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