

WAKOL PS 275 Concrete Repair Primer

Technical Information

Area of application

Ready-to-use primer to strengthen porous and completely brittle, absorbent cement based subfloors indoors.

Special properties



1)



2)

- solvent-free according to the definition of TRGS 610
- high hardening effect
- high penetration power

- 1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 R: very low in emissions
2) Emission class according to French law

Technical data

Raw material base:	modified sodium silica
Cleaning agent:	water in fresh condition
Method of application:	with velour roller
Consumption:	approx. 600 g/m ²
Airing time:	3 - 5 days
Storage temperature:	not below +5 °C, sensitive to frost
Storage time:	12 months at room temperature
GISCODE:	non-applicable
EMICODE acc. to GEV:	EC1 R

Subfloors

The subfloors must be dry, firm and free of dust, dirt and adhesion-inhibiting substances. Employ a suitable mechanical procedure to remove separating layers.

The subfloor has to be well absorbent. For achieving a sufficient penetration of WAKOL PS 275 Concrete Repair Primer the surface must be mechanically pre-treated by abrading with grain 16 or 24.

Usage

Shake primer well before using. Apply WAKOL PS 275 Concrete Repair Primer with long-pile velour roller (8 - 16 mm pile length) on the subfloor, immediately recover excess material and avoid puddle formation. Apply approx. 600 g/m² of WAKOL PS 275 Concrete Repair Primer and sprinkle the entire surface of the still fresh primer with WAKOL S 28 Sprinkling Sand.

After 3 to 5 days drying time, sand the surface intensively with grain 24 or 40 and vacuum-clean the quartz sand. Depending on the absorbability of the subfloor, higher application quantities above 600 g/m² may be needed. This increases the drying time, in which case the readiness for laying must always be determined by means of CM measurement.

For the subsequent bonding, use Wakol MS or PU Parquet Adhesives.

Assess the hardening effect using the PressoMess device. For this purpose, prepare at least 5 test samples per test area. Prepare one test area for each 200 m², building section, storey or separate residential unit.

Parquet adhesive depending on the hardening effect:

- >0.8 N/mm² shearing strength, direct bonding of Wakol isolating systems after consultation with the Application Technology Department.
- >1.5 N/mm² shearing strength, direct laying of mosaic parquet (cubed pattern), on-edge lamella parquet and multi-layer parquet
- >2.0 N/mm² shearing strength, direct bonding of all standardised parquet types.

Levelling compound depending on the hardening effect:

>0.8 N/mm² shearing strength, prime with WAKOL PU 280 Polyurethane Primer or WAKOL PU 235 Polyurethane Primer. Sprinkle the entire surface of the still fresh primer with WAKOL S 28 Sprinkling Sand, alternatively apply an adhesion bridge on the PU primer with WAKOL D 3045 Special Primer.

Level out the surface with 2 mm minimum thickness using WAKOL Z 615 Levelling Compound, dust-reduced. Textile and elastic floor coverings and parquet can then be bonded.

For the laying of solid wood planks or wood blocks on the levelled area, prior shearing strength of >1.5 N/mm² of the floor pavement is necessary.

In event of doubt, please consult the competent advisor or the Wakol Application Technology Department.

Important

Do not use below +15 °C. Warm up the primer in time in cold weather.

Avoid puddles; they can impair the adhesion of the following layers. The hardened puddles have to be deleted mechanically before the further work.

Do not use WAKOL PS 275 Concrete Repair Primer in event of high screed moisture, or penetrant moisture in structures in contact with earth. WAKOL PS 275 Concrete Repair Primer is not suitable for calcium sulphate concrete.

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 05.09.2014 supersedes all previous versions.

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