

Repairing cement screed

UZIN QUICK-CEM

Rapid patching and smoothing compound

Description:

Rapid setting smoothing compound for repair, filling, and patching. Can be used on a variety of substrates to repair subfloor imperfections prior to installation of most flooring products. UZIN NC 888 has very fine aggregates enabling it to be applied by trowel to a true feather edge. It has excellent bonding properties to plywood, concrete, ceramic tile, terrazzo, and old non-water soluble adhesive residues including properly prepared cutback adhesive residues without the use of a primer. It is quick drying cement which allows for most floor coverings to be installed within 15 minutes on absorbent substrates. UZIN QUICK CEM is an ideal material for covering/smoothing minor imperfections, holes, trowel marks, skim coating and ramping. UZIN QUICK CEM can be applied by trowel from a true feather edge up to 4 mm depth in a single application.

Suitable for/on:

- ▶ new or old cement levelling compounds
- ▶ existing substrates with well-bonded, waterproof residues of adhesives and levelling compounds
- ▶ dense, mineral substrates
- ▶ large and small format tiling and natural stone
- ▶ dry screed materials, chipboard and OSB boards
- ▶ all standard construction screeds, concrete or other substrate types
- ▶ also for use as a "low-slump smoothing compound" on old adhesive residues and for smoothing out to a feather-edge
- ▶ heavy wear in domestic and commercial locations
- ▶ warm water underfloor heating systems
- ▶ as a system component in high-speed construction

Product Properties /Benefits:

Extremely fine aggregate, therefore can be used as a smoothing compound with a tight, sealed finish for a "feather-edge" up to a max thickness of 4 mm. Very rapid setting and drying and, once set to accept foot traffic, ready for covering after a further approx. 15 min on well absorbent subfloors.

Composition: special cements, mineral additives, polyvinyl acetate copolymers and additives.

- ▶ from a "feather-edge" up to 4 mm thickness
- ▶ no primer required
- ▶ extremely rapid drying
- ▶ excellent surface finish extended
- ▶ fine aggregate
- ▶ bags are protected against damage
- ▶ plastic drum is available for mixing powder
- ▶ extended shelf life in original unopened drum
- ▶ profit yielding

Technical Data:

Packaging:	bag or two bag in plastic drum
Pack size:	4.5 kg or 2 x 4.5 kg
Shelf life:	min. 9 months
Required water quantity:	2.25 liters per 4.5 kg drum
Color:	grey
Working temperature:	min. 10°C on floor level
Working time:	approx. 20 minutes*
Set to foot traffic:	after approx. 10 minutes*
Ready for floor coverings:	after approx. 15 minutes*

*At 20°C and 65% relative humidity at maximum thickness of 4mm and onto well absorbent subfloors. See also "Application".

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Substrate Preparation:

The subfloor must be structurally sound, solid, dry, free from cracks, clean and free of all contaminants such as grease, oil, paint, waxes, curing and sealing compounds that would impair adhesion. Test the substrate in accordance with applicable standards relative to moisture content. Any weakly bonded or soft surface material such as loose adhesive residues, levelling compounds, salts, floor coverings or coatings must be removed by shot blasting, abrading, grinding or wet scraping. Thoroughly vacuum all loose material or dust. Caution: Do not sand or grind adhesive residue, as harmful dust may result. Inhalation of asbestos dust may cause asbestosis or other serious bodily harm. Refer to the Resilient Floor Covering Institute's publication "Recommended Work Practices for Removal of Resilient Floor Coverings" for instructions. Due to its very high polymer content, no primer is required on most surfaces. On very smooth substrates, such as coatings or painted surfaces, prime with UZIN PE 280 undiluted. On very absorbent or sandy surfaces, smoothing with UZIN QUICK CEM will be made easier if primed with UZIN PE 421 diluted 3 parts water to one part primer.

Application:

1. The ideal mixing ratio of UZIN QUICK CEM is two parts powder to one part water. Mix 2 liters water per 4kg bag. This will usually produce the ideal consistency.
2. Pour cold, clean water into a clean container. Slowly pour in the powder while stirring vigorously and blend to a viscous, lump-free consistency. Only mix as much mortar as can be used within the 20 minute working time.
3. Apply the compound evenly onto the substrate to the desired thickness using a smoothing trowel. The recommended minimum depth on non-absorbent surfaces to receive impervious flooring is 3 mm.
4. Ready for floor covering after approx. 15 minutes* for normal floor covering installations. When laying wood flooring, cork or laminates, the drying time is approx.12 hours*. Interior and exterior use.
5. It is important to note that many different types of adhesives are used to install floor coverings, and their absorbency into cementitious substrates can significantly vary. If it is found that the adhesive being used is drying more quickly over the UZIN QUICK CEM than over adjacent concrete, we recommend that the surface of the underlayment be primed with primer UZIN PE 421 diluted 3:1 with water. Allow the primer to dry thoroughly (1 to 2 hours), and proceed with the installation of the adhesive. The use of the primer will even out the open time of the adhesive without affecting the bond or the long-term performance.

Consumption:

Thickness	Approx. coverage per 4kg
1mm	4.1m ²
4mm	1m ²

* At 20 °C and 65% relative humidity.

Important Notes:

- ▶ Do not use as a levelling compound under wood flooring. For this, use UZIN NC 174 or UZIN NC 170 Level Star.
- ▶ Do not use in exterior or wet areas.
- ▶ Do not use as a screed or wearing surface – a surface covering must always be installed.

Protection of the workplace and the environment:

CAUTION: Irritant. Contains cement. Cement produces strong alkaline on reaction with water. Avoid contact with skin and eyes.

FIRST AID: In case of skin or eye contact, rinse thoroughly and immediately with water. In the event of skin or eye irritation, obtain medical treatment. When mixing wear, a protective dust-mask. Use protective gloves. Observe safety information on product label as well as safety data sheet (SDS). Presents no physiological or ecological risk when fully cured. For allergy information, call +30 210 7793777 (Greece).

Disposal:

Disposal should be in accordance with local, state or national legislation. Where possible, collect product residues and re-use. Do not allow into drains, watercourses or landfill. Empty paper packaging is recyclable. Hardened product residues are Construction Waste. Therefore collect waste material, mix with water and allow hardening and then disposing as Construction Waste.

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EN 998-1:2010

General purpose rendering mortar (GP)
for external renovation use (R)

Reaction to fire	NPD
Compressive strength	CS II
Capillary water absorption	≥ 0,3 kg/m²
Water penetration after capillary water absorption test	≤ 5 mm
Water vapor permeability coefficient	≤ 15
Thermal conductivity	NPD
Durability	NPD

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