

2 part smoothing compound

UZIN L2 Contract

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MAIN APPLICATION FIELD:

2 part smoothing compound for use over common substrates including over old waterproof adhesive residues. For thicknesses from 3 - 15mm.

SUITABLE ON / FOR:

- ▶ cementitious screeds and calcium sulphate**
- ▶ old screeds or concrete, as well as soundly adhered waterproof adhesive residues**
- ▶ existing ceramic and terrazzo or similar**
- ▶ underfloor heating systems (please contact UZIN Technical for further information)
- ▶ suitable on substrates subject to residual construction moisture
- ▶ suitable for residential and commercial areas, e.g. office buildings, shops, schools, etc.



UK CA	
NB: 0761	
Uzin Utz UK Ltd. Warwickshire, CV23 0UY	
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EN 13813:2002	
Cementitious levelling compound for substrates in interior locations	
EN 13813: CT-C16-F5	
Reaction to fire	E
Release of corrosive substances	CT
Compressive strength	C16
Flexural strength	F5

PRODUCT BENEFITS/FEATURES:

A highly versatile, 2 part smoothing compound. Suitable for use in domestic, commercial & clinical areas where a low odour is essential.

- ▶ low stress
- ▶ smooth surface
- ▶ quick setting
- ▶ excellent flow
- ▶ ready to receive foot traffic after 1.5 to 2 hours
- ▶ ready for floor coverings after 6 hours
- ▶ suitable up to 15mm in one application
- ▶ suitable for underfloor heating (please contact UZIN Technical for further information)

TECHNICAL DATA:

Packaging	paper bag / plastic canister
Pack size	bag: 20 kg / bottle: 4.8 ltr
Shelf life	12 months
Consumption	approx. 5m ² @ 3 mm
Ideal application temperature	15 - 25 °C
Pot life	up to 30 minutes*
Ready for foot traffic	after 1.5 - 2 hours*
Ready for covering	after approx. 6 hours*
Minimum application temperature	5 °C
Fire reaction	A1 _{fl} -s1 acc. to DIN EN 13 501-1

*At 20 °C and 65% relative humidity. See "Ready for covering".

**With a suitable primer.



SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, surface dry, free from cracks and free from materials (dirt, oil, grease) that would impair adhesion. Cement and calcium sulphate screeds must be abraded and vacuumed. Test the substrate in accordance with applicable standard or notices and report any deficiencies.

Any adhesion-reducing or unstable layers, e.g. release agents, loose adhesives, compounds, covering or paint residues, etc. must be removed, e.g. by brushing, abrading, grinding or shot-blasting. Thoroughly vacuum loose material and dust. Use a suitable primer from the UZIN Product Guide according to the type and condition of the substrate. Allow any primer that is applied to dry completely.

The datasheets for other used products have to be observed.

APPLICATION:

- Decant liquid into a clean suitable mixing bucket. Add the contents of the bag (20 kg) while mixing vigorously until a smooth and lump-free compound is obtained. Use a mixing device fitted with a UZIN Mixing Paddle.
Pour the compound onto the substrate and spread evenly with a smoothing trowel or a screed rake. The flow and surface can be improved by using a spike roller. If possible, apply to the desired thickness in one coat.

CONSUMPTION:

Thickness	Approx. coverage per bag
3 mm	5 m ²
10 mm	1.5 m ²
15 mm	1 m ²

IMPORTANT NOTES:

- A shelf life of 12 months when stored in dry conditions, in the original packaging. The setting and drying times may become longer if the storage time is prolonged. The properties of the cured material are not affected. Carefully and tightly reseal opened packaging and use the contents as quickly as possible.
- Best applied between 15 - 25 °C and relative humidity below 65%. Low temperatures, high humidity, little air circulation, dense substrates and large thickness will delay the setting and drying time. High temperatures and low humidity, strong air circulation and absorbent substrates will accelerate setting, drying and readiness for covering. In summer, store in cool conditions.
- Expansion, movement and perimeter joints in the substrate must be reflected through to the surface. Fit UZIN Foam Expansion Strips to any adjacent, vertical structures to prevent the ingress of the compound into the joints.

- Minimum thickness for resistance of castors is 1 mm. On non-absorbent substrates such as old screeds with closed, fixed, waterproof adhesive residues, a minimum thickness of 3 mm must be used.
- When applying in several coats, allow the compound to dry completely. Then apply UZIN PE 360 PLUS as a intermediate primer and leave to dry, before applying subsequent coats.
- For substrates that do not contain a structural damp proof membrane (rising moisture), mechanically prepare the substrate and directly apply UZIN PE 480 moisture barrier. Once UZIN PE 480 has fully cured apply UZIN PE 280 primer prior to the application of the UZIN L2 Contract smoothing compound.
- The finish coat should not exceed the depth of the basecoat in any application.
- Protect freshly applied areas from draughts, direct sunlight and sources of heat. Cement-based compounds tend to form cracks on soft or tacky substrates. These soft and tacky layers must therefore be removed as much as possible before applying the compound. Leaving such compounds open for too long also promotes such cracking and should therefore be avoided.
- Do not use as a screed or as a wear surface, a surface covering must always be applied.
- Compounds must not come into contact with metal pipes because of the risk of corrosion. This applies in particular for heating pipes made from galvanized steel. Insulation may only be cut off after smoothing.

COMPOSITION:

Special binders, polymer dispersion, mineral aggregates, preservation agents and additives.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Dispersion component: Solvent-free. Use of barrier cream and ventilation of the work area are recommended. Powder component: Contains cement low in chromate acc. Regulation (EC) No 1907/2006 (REACH). Cement produces strong alkaline on reaction with water. Avoid contact with skin and eyes. In the event of contact, rinse immediately with water. In the event of skin or eye irritation, seek medical advice. Use protective gloves. When mixing wear a protective dust-mask. Presents no physiological or ecological risk when fully cured. Basic prerequisites for best possible indoor air quality following floor covering work are conformity to standards of the working conditions, as well as thoroughly dry substrate, primer and smoothing compound.

DISPOSAL:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Dispersion component: Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste. Powder

component: Empty paper packaging is recyclable. Collect waste product, mix with water, allow to harden, then dispose as Construction Waste.