

Rapid Drying 2-Component Smoothing Compound

UZIN L3 Gold

Ammonia and latex free, two component (bag and bottle) smoothing compound

MAIN APPLICATION FIELD:

- ▶ smoothing of existing substrates with well-bonded, waterproof adhesive residues
- ▶ for thicknesses from 3 - 30mm**

SUITABLE ON / FOR:

- ▶ cementitious screeds or calcium sulphate, with a suitable primer
- ▶ old screeds or concrete, which may contain old compounds and adhesive residues
- ▶ existing ceramic and natural stone coverings, terrazzo or similar
- ▶ underfloor heating systems
- ▶ exposure to castor wheels in accordance with DIN EN 12 529 from 1 mm thickness
- ▶ suitable for residential and commercial areas, e.g. office buildings, shops, schools, etc.



PRODUCT BENEFITS/FEATURES:

UZIN L3 Gold is a specially modified smoothing compound, free of ammonia and latex. It can be used without a primer in most situations and provides an excellent surface. It can also be applied under a DPM and over old waterproof adhesive residues. For interior use only.

- ▶ very low stress
- ▶ smooth surface
- ▶ quick drying
- ▶ can be used over old waterproof adhesive residues
- ▶ ready for floor coverings in approx 2 hours
- ▶ provides a good key for adhesives
- ▶ suitable for applications from 3 - 30mm**

TECHNICAL DATA:

Packaging	paper bag and cube it simple
Pack size	bag: 20 kg / cube: 4.6 ltr
Shelf life	min. 12 months
Colour	powder: grey liquid: white
Coverage	approx. 5 m ² at 2-3mm
Ideal application temperature	18 - 25 °C at ground level
Working time	20 minutes*
Ready for foot traffic	after 1 hour*
Ready for covering	after 2 hours*
Minimum application temperature	5 °C at ground level
Fire reaction	A1 _{fl} acc. to DIN EN 13 501-1

*At 20 °C and 65% relative humidity and max. thickness of 3 mm for some floor covering. See "Ready for covering".

**3 - 15mm without aggregate added, 16 - 30mm when aggregated with dry coarse aggregate.



SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, 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:

1. Put liquid into a clean container. Sprinkle in 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.
2. If greater flow is required, once mixed, additional liquid L3 Gold can be added up to a maximum of 0.20 litres.**
3. 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 removing air using a spike roller. If possible, apply to the desired thickness in one coat.

**The addition of this liquid will affect the drying time of UZIN L3 Gold. Making the compound more fluid does not increase the coverage.

CONSUMPTION INFORMATION:

Layer Thickness	Approx. Consumption	Size / Coverage
2-3 mm		5 m ²
5 mm		2.5 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. Whilst 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 and use cold water.

- ▶ 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 2 - 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.
- ▶ The minimum thickness below wood flooring is 3 mm. Pay particular attention to a sufficient drying of the levelling compound prior to installation of wood flooring.
- ▶ For thicknesses above 10 mm and on moisture-sensitive substrates, use epoxy primers, such as UZIN PE 460 / 480 and PE 280.
- ▶ Do not use in exterior or wet areas.
- ▶ 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.
- ▶ Follow the generally acknowledged rules of the trade and technology for the installation of wood flooring and floor covering in respective of the applicable national standards (e.g. EN, DIN, OE, SIA, etc.)

SEALS OF QUALITY & ECOLABELS:

- ▶ Low chromate content acc. Regulation (EC) No. 1907/2006 (REACH)
- ▶ EMICODE EC 1 PLUS / Very low-emission

COMPOSITION:

Special cements, mineral aggregates, redispersible polymers and additives.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

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 to get into drains, sewers or ground. Empty paper packaging is recyclable. Collect waste product, mix with water, allow to harden, then dispose as Construction Waste.