

Rapid Drying 2 Part Smoothing Compound

UZIN L3 GOLD MOISTURE CONTROL

Two component smoothing compound for use in areas of high residual moisture

MAIN APPLICATION FIELD:

An ammonia and latex free smoothing compound suitable for the smoothing and levelling of all types of cementitious substrates.

For interior use only.

SUITABLE ON / FOR:

- ▶ The repair and renovation of uneven subfloors
- ▶ For use as a system component in fast track construction and renovation
- ▶ For use in sensitive environments, such as schools and hospitals
- ▶ Sure to castor wheels in accordance with DIN EN 12529
- ▶ Please consult UZIN technical before use with warm water underfloor heating systems
- ▶ Protects against residual moisture up to 95 % RH when used in conjunction with UZIN L3 Gold System Primer (see important notes)



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EN 13813:2002	
2-Component smoothing compound for substrates in interior locations	
EN 13813: CT-C25-F7	
Reaction to fire	ER
Release of corrosive substances	CT
Compressive strength	C25
Flexural strength	F7

PRODUCT BENEFITS/FEATURES:

A two component specially modified smoothing compound, rapid setting and drying with a variable liquid content to aid in performance. Specially developed to improve L3 Gold in areas of high residual moisture.

- ▶ For use in areas of high residual moisture
- ▶ Ammonia and latex free
- ▶ Suitable for thickness from 3 – 5 mm
- ▶ Excellent flow
- ▶ Excellent adhesion and bond strength
- ▶ Ready for floor covering in approx 2 hours
- ▶ Very low stress
- ▶ Absorbent providing a good key for adhesives

TECHNICAL DATA:

Packaging	paper bag and cube it simple
Pack size	bag: 20 kg / cube: 4.6 ltr
Shelf life	12 months
Colour	powder: grey liquid: white
Consumption	approx. 5 m ² at 3mm
Ideal application temperature	18 - 25 °C at ground level
Pot life	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, dry, free from cracks, clean and free from materials which would impair adhesion.

Flow screeds must be abraded and vacuumed either as a secondary treatment by the screed installer or as a special responsibility of the covering installer. Test the substrate according to applicable standards and report any deficiencies.

Brush, abrade, grind or shot-blast any weak surface sections or areas that do not accept adhesion. Thoroughly vacuum to remove dust. If the RH levels are above 95 % please contact UZIN Technical.

Before application of the smoothing compound the area must be primed with UZIN L3 Gold System Primer

- ▶ Minimum 3 mm thickness for resistance to castor wheels. On non-absorbent surfaces, such as e.g. old screeds with a full cover of old, waterproof adhesive, apply 3 mm.
- ▶ Expansion, movement and wall connection joints resulting from the substrate must be taken up. As required, fit UZIN expansion strips against adjacent structures to prevent ingress of the compound into connection joints. For thickness above 5 mm, expansion strips should be used.
- ▶ Suitable for use up to 95 % RH if the substrate is primed with two coats of UZIN L3 Gold System Primer. We would recommend two coats to guarantee sufficient primer is applied. Suitable up to 90 % RH with one coat of UZIN L3 Gold System Primer (a second coat may still be required to ensure complete coverage of the substrate).

APPLICATION:

1. Before application of the smoothing compound the area must be primed with 2 coats of UZIN L3 Gold System Primer.
2. Pour liquid into a clean bucket. Sprinkle in the bag contents (20 kg) whilst stirring briskly and mix to lump-free consistency. Use a drill or mixer fitted with a Uzin Mixing Paddle to ease the mixing process.
3. Once product is fully mixed it can be applied over the floor using a steel trowel at depths from 3 mm to 5 mm, if deeper, it can be applied in multiple coats (no requirement for a primer between coats).
4. Drying time at 20 °C/68 °F is approximately 1 hour to accept light foot traffic, and 2 hours to take most floor coverings. This is for an undiluted mix; on a clean, dry, cementitious substrate. The addition of any extra liquid will extend the drying times. Poor airflow and lower temperatures will significantly affect drying times. Light abrading once dry will improve the surface quality and absorbance of the adhesive.

SEALS OF QUALITY & ECOLABELS:

- ▶ Low chromate content acc. Regulation (EC) No. 1907/2006 (REACH)

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.

CONSUMPTION:

Thickness	Approx. coverage per bag
3 mm	5 m ²
5 mm	2.5 m ²

IMPORTANT NOTES:

- ▶ Minimum shelf-life 12 months in original packaging and in cool and dry storage conditions. Tightly seal opened packaging and use the contents as quickly as possible.
- ▶ Best applied at 20 °C/68 °F and 65 % relative humidity. Low temperatures delay setting and drying, high temperatures shorten the working time. High humidity delays drying and readiness for covering.
- ▶ The following standards and notices are applicable and especially recommended BS 8203, BS 8204, BS 5325, and DIN 18 365.
- ▶ Not suitable for use under wood flooring, please consult UZIN technical.

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.