PRODUCT DATA SHEET

Rapid Drying 2-Component Smoothing Compound

UZIN L3 Gold Moisture Control

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

Description:

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

Especially suitable 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 12 529
- 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)

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

Product Properties / Benefits:

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.

Technical Data:

Packaging:	paper sack and cardboard bottle
Size:	sack: 22 kg / can: 5 ltr
Shelf life:	min. 6 month
Colour:	powder: grey liquid: white
Coverage:	approx. 5 m² per mixed unit at 3 mm
Working temperature:	min 5 °C / 41 °F at floor level and 18 °C – 25 °C / 64 °F – 77 °F air
Working time:	20 minutes*
Set to light traffic:	after 1 hour
Ready for some floorcovering:	2 hours*

* Under normal conditions at 20 °C / 68 °F at 3 mm; on a clean, dry, cementitious substrate.

ballister

UZIN | A brand of Uzin Utz Group

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UZIN L3 Gold

Subfloor 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.

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 sack contents (22 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 fora primer between coats). If greater flow is required, once mixed, additional liquid L3 Gold Moisture Control (component A) up to a total of maximal 0.25 lts can beadded. The addition of this liquid will affect the drying times of the UZIN L3 Gold Moisture Control. Making the UZIN L3 Gold Moisture Control more fluid does notincrease the coverage.
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.

Consumption:

Thickness	Coverage
3 mm	5 m²
5 mm	10 m²

Important Notes:

- Minimum shelf-life 6 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.
- 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.

Protection of the Workplace and the Environment:

Liquid component:

Solvent-free. Non-flammable. Requires no special protection or precautions in general use. 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. When mixing wear a protective dust-mask. Use protective gloves. 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. Liquid component: Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste, those with cured residues are Construction Waste. Powder component: Empty paper bags are recyclable. Collect waste material, mix both components and allow to harden, then dispose as Construction Waste.

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the covering manufacturer. The publication of this Product Data Sheet invalidates all previous Product Information. The respective updated version of this datasheet can be found on our Homepage under www.uzin.com.