

Rapid Drying 2-Component Smoothing Compound

UZIN L3 Gold

Rapid drying, ammonia and latex free, two component smoothing compound

Description:

An ammonia and latex free levelling compound suitable for the smoothing and levelling of all types of cementitious substrate can be applied over most sound and well-bonded adhesive and latex residues.

Especially suitable for:

- ▶ The repair and renovation of uneven subfloors
- ▶ The blinding of most old adhesive residues such as bitumen, if sound and well bonded to the substrate.
- ▶ For use as a system component in fast track construction and renovation
- ▶ For use in sensitive environments, such as schools and hospitals
- ▶ Warm water underfloor heating systems
- ▶ Sure to castor wheels in accordance with DIN EN 12 529
- ▶ Under a DPM
- ▶ Can be used without a primer in most cases

Product Properties / Benefits:

A two component specially modified levelling compound, rapid setting and drying with a variable liquid content to aid levelling properties. Has a very low neutral odour and contains no ammonia or latex. Can be used without a primer in most situations, and provides an excellent surface for adhesives.



- ▶ Ammonia and latex free
- ▶ Can be applied under a DPM
- ▶ Can be applied over old waterproof adhesive residues
- ▶ Dual purpose skim coat and leveller
- ▶ Suitable for thickness from 1 – 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

Technical Data:

Packaging:	paper sack and plastic can
Size:	sack: 22 kg / can: 5 ltr
Shelf life:	min. 6 month
Colour:	powder: grey liquid: white
Consumption:	approx. 1.5 kg / m ² per mm of thickness
Coverage:	approx. 15 m ² per mixed unit at 1 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 per mm thickness and an undiluted mix; on a clean, dry, cementitious substrate. The addition of any extra liquid will extend the drying times.

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. On abraded, dust free surfaces with non-soluble adhesive residues it is not normally necessary to prime. Test any adhesive residues first to ensure they are not water-soluble. If soluble adhesives are found call Uzin technical dept for advice. Very dry, dusty and porous floors may require priming first.

Application:

1. 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.
2. Once product is fully mixed it can be applied over the floor using a steel trowel at depths from 1mm to 5 mm, if deeper, UZIN L 3 Gold can be bulked out using sand up to a maximum of 12.5 kg of sand per mixed unit of UZIN L 3 Gold, or, can be applied in multiple coats (no requirement for a primer between coats). Can be used as a "scratch" or blinding coat for old adhesive residues. If greater flow is required, once mixed, additional liquid L 3 Gold (component A) up to a total of maximal 0,25 lts can be added. The addition of this liquid will affect the drying times of the UZIN L 3 Gold. Making the UZIN L 3 Gold more fluid does not increase the coverage of this leveller. Very dry and porous floors may require priming first.
3. Drying time at 20 °C/68 °F per mm 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	Consumption	Coverage
1 mm	1.5 kg/mm	15 m ²
2 mm	3.0 kg/mm	7.5 m ²
3 mm	4.5 kg/mm	5 m ²
4 mm	6.0 kg/mm	3.6 m ²

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.
- ▶ Under wood flooring, the minimum layer thickness is 2 mm.
- ▶ Minimum 1 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 2 – 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

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. Directive 2003/53/EC. 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.