Product Datasheet

2-Component Trowel-Applied Primer

UZIN PE 630

Dispersion cement based primer and filler

MAIN APPLICATION FIELD:

- primer for existing substrates requiring refurbishment or on substrates with joints

SUITABLE ON / FOR:

- critical substrates requiring refurbishment, on well-bonded, waterproof residues of adhesives or compounds (e.g. synthetic resin, neoprene, bitumen or dispersion adhesives residues)
- dense or low absorbent substrates (e.g. stone floors and ceramic tiles, water-resistant coatings, epoxy coatings)
- old or ungritted mastic asphalt screeds
- UZIN Multimoll Top 4 / 7 / 12
- raw or grinded wooden floorboards, P4 - P7 and OSB 2 - OSB 4 boards, wood flooring or other wooden floors with joints
- prior to installation with UZIN cement or calcium sulphate levelling compounds
- matt grinded coatings
- warm water underfloor heating systems
- exposure to castor wheels in accordance with DIN EN 12 529
- suitable for residential, commercial and industrial locations

PRODUCT BENEFITS/FEATURES:

UZIN PE 630 is a very rapid drying 2-component, dispersion cement based primer with for substrates in renovation work. Due to its "semi-flexible" properties the primer can accommodate movement in the substrate. For interior use.

- fills, seals and smoothes in one application
- sets hydraulically
- application thickness up to 1 mm
- flexible when set

GEV-EMICODE EC 1 PLUS very low emission

LEED® CONTRIBUTING PRODUCT

TECHNICAL DATA:

Packaging	plastic bucket containing plastic canister and paper bag
Pack size	16 kg
Shelf life	min. 12 months
Mixing ratio	A : B = 3 : 5 parts per weight
Color, wet	dark grey
Color, dry	light grey
Consumption	100 - 600 g/m²
Working time	50 - 60 minutes*
Pot life	50 - 60 minutes*
Drying time	40 - 120 minutes*
Minimum application temperature	15 °C at ground level

*At 20 °C and 65% relative humidity with max. layer thickness of 1 mm. See application chart.

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UZIN PE 630

SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, dry, free from cracks and free from materials (dirt, oil, grease) that would impair adhesion. 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. Allow the primer to dry completely.
The datasheets for other used products have to be observed.

APPLICATION:

1. The original 16 kg container is designed to serve as the mixing container. Take the dispersion and powder components out of the original container. Pour out the dispersion component A into the original 16 kg container, sprinkle in the powder component B whilst stirring vigorously and blend to a lump-free mix. Mix thoroughly for several minutes using a basket mixer attachment. Only mix as much primer as can be applied within approx. 60 minutes.
2. Apply a thin coat of UZIN PE 630 using a smoothing trowel.
3. Clean tools with water after use.

APPLICATION CHART:

Foundation / Application	Consumption	Drying Time
Chipboard, wooden substrates, UZIN Multimoll Top plates	100 - 300 g/m²	40 - 60 minutes*
Well-bonded, waterproof residues of adhesives	100 - 300 g/m²	40 - 60 minutes*
Ungritted mastic asphalt screeds, coatings, natural stone, ceramics, terrazzo, magnesia and xylolite screeds	100 - 300 g/m²	90 - 120 minutes*
Substrates with joints	300 - 600 g/m²	90 - 120 minutes*
Prior to installation with calcium sulphate levelling compounds	depending on the substrate (see above)	12 hours*
Prior to installation with FusionTec levelling compounds	depending on the substrate (see above)	3 - 4 hours*

*At 20 °C and 65% relative humidity and max. thickness of 1mm of primer.

IMPORTANT NOTES:

- A shelf life of 12 months when stored in moderately cool 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, with the floor temperature above 15 °C and relative air humidity below 75%. Low temperatures and high air humidity lengthen the drying time. Whilst high temperatures and low air humidity shorten the drying time.
- For subsequent coats or thicknesses above 10 mm, epoxy resin primers such UZIN PE 460, gritted must be used.
- Not suitable as a primer for direct bonding of wood flooring, as well as the installation of floor coverings with 1-comp. reaction resin adhesives.
- For subsequent installations of levelling compounds and the installation of wood flooring, please use UZIN 2-comp. reaction resin adhesives or UZIN MK 250.
- Not suitable for use on water-soluble adhesive residues (e. g. sulphite adhesives) or tackifiers. Please look for suitable products in the UZIN Product Guide.
- On heavily jointed substrates, up to max. 5 kg of UZIN NC 182 can be added per 16 kg container (except on wooden substrates).
- 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 according to EU-VO 1907/2006 (REACH) (powder component)
  Solvent-free (dispersion component)
- EMICODE EC 1 PLUS / Very low emission

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.

The above information is based on our experience and careful investigations. The variety of associated materials and different constructions 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 floor 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 website under www.uzin.com | 01/2025

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.

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