

## 2-Component Trowel-Applied Primer

# UZIN PE 630

Dispersion cement based primer and filler

### MAIN APPLICATION FIELD:

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

### SUITABLE ON / FOR:

- ▶ on well-bonded, waterproof residues of adhesives or smoothing compounds (e.g. synthetic resin, neoprene or dispersion adhesives)
- ▶ on dense substrates with low absorbency (e. g. stone floors and ceramics, water-resistant coatings, epoxy coverings)
- ▶ on existing or ungritted mastic asphalt
- ▶ on UZIN Multimoll Top 4/7/12
- ▶ on rough sanded wooden floorboards, chipboard P4 – P7, OSB-2 to OSB-4 boards, other jointed wooden substrates, see important notes
- ▶ on raised access panels and flooring in conjunction with UZIN NC 175, see important notes
- ▶ on coatings that have been matt-sanded
- ▶ on warm water underfloor heating systems
- ▶ exposure to castor wheels in accordance with DIN EN 12 529
- ▶ heavy wear in domestic, commercial and industrial locations



### PRODUCT BENEFITS/FEATURES:

UZIN PE 630 impresses by exceptional speed, high flexibility and maximum adhesion to the substrate.

- ▶ Fills, seals and smoothes in one application
- ▶ Sets hydraulically
- ▶ For application thickness up to 1 mm
- ▶ Flexible and ductile when set
- ▶ Low chromate content according to EU-VO 1907/2006 (REACH) (powder component)



### 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
Colour, wet	dark grey
Colour, dry	light grey
Consumption	100 - 600 g/m <sup>2</sup>
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.



## SUBSTRATE PREPARATION:

The substrate must be sound, load bearing, dry, free from cracks, clean and free from materials which would impair adhesion (e.g. dirt, oil, grease). The substrate must be tested in accordance with applicable standards and bulletins and any deficiencies must be reported.

Any weakly bonded or soft surface sections (e.g. separating agents, loose residues of adhesives, levelling compounds, coverings or paints) have to be removed by brushing, abrading, grinding or shot-blasting. Thoroughly vacuum to remove loose material and dust. Always allow the primers to dry completely (colour changes from light grey to dark grey). Refer to the Product Data Sheets for other products used.

## 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.

## APPLICATION CHART:

Foundation / Application	Consumption	Drying Time
Chipboard, wooden substrates, UZIN Multimoll Top plates	100 - 300 g/m <sup>2</sup>	40 - 60 minutes*
Well-bonded, waterproof residues of adhesives	100 - 300 g/m <sup>2</sup>	40 - 60 minutes*
Ungritted mastic asphalt screeds, coatings, natural stone, ceramics, terrazzo, magnesite and xylolite screeds	100 - 300 g/m <sup>2</sup>	90 - 120 minutes*
Substrates with joints	300 - 600 g/m <sup>2</sup>	90 - 120 minutes*
Prior to installation with calcium sulphate smoothing compounds	depending on the substrate (see above)	12 hours*

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

## IMPORTANT NOTES:

- ▶ Minimum shelf-life 9 months in original packaging and in cool and dry storage conditions. Over time the length of storage may also cause an extension to the setting and drying time. The performance of the cured material is not affected. Tightly seal opened packaging and use the contents as quickly as possible.
- ▶ Optimum work conditions are 15 – 25 °C, floor temperature above 15 °C / 59 °F and relative air humidity below 75 %. Low temperatures and high air humidity lengthen, whilst high temperatures and low air humidity shorten the drying time.
- ▶ UZIN PE 630 is not designed to stop or disguise a floor that is still deforming, it is only designed to be able to cope with movement of that floor. It is important to ensure that any floor is in a stable working environment, any deformation of the substrate due to changing environmental conditions will be reflected in the surface.
- ▶ If applying a smoothing coat of more than 10 mm thickness, epoxy resin primers such as gritted UZIN PE 460 or PE 480 have to be used.
- ▶ Not suitable for use on water-soluble adhesive residues (e.g. spent sulphite adhesives) or fixatives. Please look for suitable products in the UZIN product overview.
- ▶ On heavily jointed substrates, up to max. 5 kg of UZIN NC 182 can be added per 16 kg container. On timber substrates up to max. 2 kg of UZIN NC 182.
- ▶ The following standards, regulations and publications are applicable and especially recommended:
  - DIN 18 365 “Working with floor coverings”
  - DIN 18 356 “Working with wood flooring”
  - TKB publication “Assessment and preparation of substrates for floor covering and wood flooring work
  - BEB publication “Assessment and preparation of subfloors”

## 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.

## **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.