

Primer and additive

UZIN PE 520

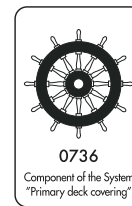
Wet primer and additive for leveling compounds

Description:

Special dispersion as a primer diluted with 4 parts water as a wet in wet primer, it also can dry. As a additive for all UZIN cement leveling or low slump smoothing compounds when using on subfloors with deflection or movement.

Suitable for/on

- ▶ Very absorbent subfloors e.g. concrete, cement- or gypsum based screeds or leveling compounds
- ▶ Old well bonded adhesives and leveling compounds
- ▶ Plasterboards, render, brickwork
- ▶ Heavy wear in domestic, commercial and industrial locations
- ▶ Underfloorheating systems
- ▶ Exposure to castor wheels in accordance with DIN/EN 12 529



Product Properties/Benefits:

Water based dispersion primer with good bonding and penetration properties. Binds dust and reduces the absorbencies of the substrate. Due is special composition it can be used as a wet in wet primer with no drying time and it can also dry without losing bonding properties.

Additive for cement leveling compounds to improve flexibility and bond strength.

- ▶ Wet primer diluted 4 parts Water 1 part PE 520
- ▶ Plasticizer for leveling compounds
- ▶ Increases flexibility
- ▶ Increases bond strength
- ▶ Neutral odor
- ▶ Solventfree

Technical Data:

Packaging:	plastic canister
Packsize:	10 kg
Shelf life:	min. 12 months
Colour wet / dry:	white / transparent
Consumption as a additive:	1 kg per 20 kg bag
Consumption as a primer:	30 – 50 gr/m ²
Working temperature:	min. 10° at floor level
Drying Time:	0 – 24 h

Supplied by



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09 42 68 101 sales@everitts.co.nz www.everitts.co.nz

Substrate Preparation:

As a primer: The substrate must be sound, dry, free from cracks, clean and free from materials that would impair adhesion.

Cement and calcium sulphate screeds must be abraded and vacuumed as a chargeable, secondary treatment.

Test the substrate in accordance with applicable standards and notices and report any deficiencies. Brush, abrade or shot-blast to remove any soft or weakly bonded areas. Thoroughly vacuum off the surface.

As an additive: See the Product Data Sheet for the UZIN cement levelling compound to be used.

Application:

As a primer on absorbent substrates: According to surface absorbency, dilute with 4 parts water by weight or volume. Then apply a full and even coat onto the surface using a foam or velour roller. Levelling compounds can be laid wet-in-wet without waiting for primer to dry.

As an additive: For leveling compounds replace 1 liter of mixing water quantity with UZIN PE 520. As a rule, 6 to 8 litres of water per 25 kg sack of powder is required. For plasticizing, part of this water is replaced with UZIN PE 520 as follows:

Instead of 5,2 l of water:

4.2 liter water and 1 kg UZIN PE 520

Instead of 6 litres of water:

5 litres of water and 1.5 kg UZIN PE 520

Instead of 7 litres of water:

6 litres of water and 1.5 kg UZIN PE 520

Instead of 8 litres of water:

7 litres of water and 1.5 kg UZIN PE 520

1. Thoroughly mix the reduced cold water quantity and the UZIN PE 520 in a clean mixing container.
2. Sprinkle the content of the sack (20 kg) whilst stirring vigorously and blend to a lump-free mix. Use a suitable drill with UZIN Levelling Compound Mixer.
3. The consistency of the levelling compound with additive is somewhat thicker and stickier than without. As required, make a little thinner by adding a small amount of water. Under no circumstances mix too thin.
4. Apply the levelling compound with additive as detailed in the Product Data Sheets for the product.
5. Clean tools with water immediately after use.

Consumption:

as a primer diluted 1:2	approx. 50 g / m ²
as a primer diluted 1:3	approx. 30 g / m ²
as an additive per 1 mm levelling compound thickness	approx. 80 g / m ²

Important Notes:

- ▶ Shelf-life minimum 12 months in original packaging when stored in relatively cool conditions. Protect from frost. Tightly re-seal opened containers and use as quickly as possible.
- ▶ Optimum working conditions are 15 – 25 °C / 59 – 77 °F, floor temperature above 15 °C / 59 °F, relative humidity below 75 %. Low temperatures and high humidity delay setting, drying and readiness for covering. High temperatures and low humidity shorten the working time for levelling compounds; therefore, in summer, use the coldest possible water.
- ▶ UZIN levelling compounds are fully, qualitatively prescribed for their relevant applications and usually require no additional improvement. It is required or recommended if applying levelling compound onto substrates with less than calculable deformation property, e.g. on mastic asphalt, old substrates etc.
- ▶ UZIN PE 520 is a component of the System "Primary deck covering", consisting of UZIN NC 170, UZIN PE 520, UZIN PE 460 and UZIN Quartz Sand 0.8. This system is certificated by the "See-Berufsgenossenschaft" Hamburg to meet the requirements of Marine Equipment module B and module D. Certificates are available on request. The admitted thickness is 8 mm. USCG-No. module B 164.106/EC0736/113.069.
- ▶ Refer to the Product Data Sheet for the UZIN levelling compound to be used and the applicable standards and notices listed therein, e.g. DIN 18 365 "Working with floor coverings", BEB publication "Assessment and preparation of surfaces".
- ▶ Example for a plasticised mortar: a multipurpose repair mortar is obtained by combining 4 parts by weight Portland cement and 2 to 3 parts by weight 0 – 3 mm sand, blended to the desired consistency with a mixture of 1 part by weight UZIN PE 520 and approx. 3 parts by weight of water.

Protection of the Workplace and the Environment:

Solvent-free. Non flammable. Requires no special protection or precautions in general use. Avoid prolonged contact with skin or contact with eyes.

Disposal:

Where possible, collect all product waste and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free plastic 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.

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.

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