

Additive

# UZIN PE 540

Special dispersion to improve and aid the hydrophobic reaction in UZIN cement based mortars and levelling compounds

## Description:

An additive for cement based mortars and smoothing compounds to produce a moisture suppressant system when used in conjunction with Uzin PE 400.

UZIN PE 540 is a highly concentrated liquid dispersion of a cement compatible polymer that is incorporated as a flexible and water repellent component into the mix.

Suitable for/on:

- ▶ on Sub-floors up to 94 % rh (Excluding gypsum based substrates)
- ▶ warm water underfloor heating systems (consult Uzin Technical Services)
- ▶ floor conditioning with electric surface heating systems



## Product Properties / Benefits:

UZIN PE 540 is a highly concentrated dispersion of a cement-compatible polymer that is incorporated into the levelling compound.

- ▶ Easy to mix with water
- ▶ Levelling compound
- ▶ Improves adhesion
- ▶ High speed moisture suppressant component
- ▶ Solvent-free

## Technical Data:

Packaging:	plastic tub
Packsize:	1.5 kg
Shelf life:	min. 12 months
Colour:	white
Working temperature:	5 °C to 25 °C / 41 °F to 77 °F
Mixing ratio:	see "Application"
Suitable for:	Uzin Specified levelling compounds

\* At 23 °C / 73 °F and 50 % air humidity.

## Application:

1. Area's to be prepared in accordance with PE 400, PE 540 and Uzin levelling compound Specification/ System.
2. Depending on the smoothing compound or mortar selected one litre of water must be removed from the stated mixing ratio and replaced with one unit (1.5 kg) of UZIN PE 540. This must be fully mixed with the water prior to the addition of the smoothing compound or mortar.
3. Once fully mixed the smoothing compound powder must be added slowly whilst constantly mixing.
4. Apply the mix to the primed substrate using either a suitable smoothing trowel or screed rake, ensuring the required depth is maintained.

Do not use in climatic conditions outside those prescribed in the relevant British standards.

Refer to the Product Data Sheets for the products used.

## Drying:

Observe the stated drying times of the smoothing compound.

## Consumption:

Consumption: approx. 1.5 kg UZIN PE 540/ 25 kg cement based mortars or smoothing compounds

## Important Notes:

- ▶ Shelf life 12 months. Store in cool and dry conditions, not below 5°C/41°F. Carefully and tightly reseal opened containers and use as quickly as possible.
- ▶ Do not use at temperatures below 5°C/41°F or above +25°C/77°F.
- ▶ Do not use with Rubber, Wood, or any Polyolefin flooring products.
- ▶ The use of UZIN PE 540 serves as extra security but is not a substitute for the waterproofing procedures in accordance with DIN 18 195 or bonded damp-proofing in accordance with the ZDB publication "Notes for the application of bonded damp-proofing with claddings and coverings using large and small format tiles in interior and exterior locations".
- ▶ Use water to clean tools.
- ▶ A site specific specification from Uzin Ltd is required prior to the use of this product and system.

## Protection of the Workplace and the Environment:

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. When fully dried, has a neutral odour and presents no physiological or ecological risk.

## Disposal:

Where possible, collect all product residues 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.