

Cement screed plasticizer

UZIN CEM PLAST

Liquid mortar admixture that improves plasticity to cement based screeds, mortars and plasters

Applications:

UZIN CEMENT-PLAST is a liquid admixture for cement-based screeds and plasters, which is used as a universal mid-range water reducer/plasticizer for the most construction works. Exterior and interior applications.

Suitable for use on:

- ▶ Cement based screeds,
- ▶ Gypsum, calcium-sulphate plasters.
- ▶ Masonry mortars
- ▶ Renders

Product benefits / features:

Does not contain corrode reinforcement steel. Energy saving because reduces the mixture stirring time, due to offering plasticity by its air entraining action. It acts by reducing the required water amount about 10-12%. Increases mechanical strength of the cement.

Composition: water-soluble anionic polyelectrolyte polymers

- ▶ Easy and fast admixture
- ▶ Wide range of applications
- ▶ Increases adhesion on to old substrates
- ▶ Delays setting time
- ▶ Does not contain chlorides
- ▶ Low emissions
- ▶ Reduces water amount and therefore improves mechanical strengths of contained binder

Technical Data:

Packaging:	Plastic containers PE
Sizes:	1kg, 5kg and 10kg
Storage:	minimum 12 months
Color liquid/dry:	White/transparent
Consumption /coverage:	0.2-0.3% w.w. of binder e.g. cement, quicklime e.t.c.
Minimum working temperature:	10 °C
Ideal working temperatures:	15 - 25 °C substrate surface
Drying time or covered after:	30 - 60 minutes*

* At 20 °C and 65% R.H. See also Application table".

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Application:

Before use, allow the container to get the ambient temperature. Shake well before admixing.

Mix the product in the proposed ratio based on the content of the contained binder and not the total weight of the screed.

Refer to the product data sheets for other products used.

Application Table:

Mixture type	Dosage	Mixing Ratio
Cement screeds or patching mortars	75 g / 25Kg cement	0.3% w.w.
Calcium sulphate screeds, plaster-based precast concrete, plaster substrates, render	50 g / 25Kg cement/gypsum	0.2% w.w.

* At 20°C and 65% R.H.

	
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UZIN Hellas-POLYCHIMIKI G. MATZIARIS S.A. 14 th Km Old National Rd Thessaloniki-Veria Industrial Park of Anchialos GR 570 11 Thessaloniki, Greece	
UZIN CEM PLAST 2025-2016.06.14-09	
EN 934-2 Water reducing/plasticizing admixtures	
Water reduction	Pass
Compressive strength	Pass
Reaction to fire	NPD
Air content in fresh concrete	Pass
Capillary absorption	Pass

Important notes:

- ▶ Shelf-life min. 12 months in original packaging when stored in moderately cool conditions. Frost-resistant to -4 °C. Reseal opened containers tightly and use contents as quickly as possible.
- ▶ Optimum working at 5-25°C, floor temperature over 5°C and relative humidity below 65%. Low temperatures and high humidity will delay whilst high temperatures and low humidity will accelerate the mixture setting.
- ▶ Observe generally acknowledged industry and technology best practice when laying floor coverings, plus the respective applicable national standards.

Protection of the workplace and the environment:

Solvent-free. The use of skin protection lotion is recommended as a rule. Store out of the reach of children. In the event of contact with the eyes or skin, rinse immediately with plenty of water. Do not dispose of into the sewer system, open water, or the soil. Very low emission- To the best of current knowledge, does not emit any relevant emissions of formaldehyde, harmful substances, or other volatile organic compounds (VOCs). Odorless as well as ecologically and physiologically harmless. **For allergy information, call +30 210 7793777 (Greece).**

Disposal:

Collect and reuse product residues wherever possible. Do not dispose of into the sewer system, open water, or the soil. Empty, plastic containers (scraped clean and drip-free) can be recycled. Containers with liquid residues are classified as special waste, as are collected liquid product residues. Containers with residues that have dried solid are classified as construction/household waste.