TECHNICAL DATA SHEET

High cohesion quartz-primer

UZIN QP 500

Water-based acrylic primer with added quartz sand to enhance adhesion on smooth, dense surfaces

Applications:
Water-based primer with synthetic resins containing quartz sand that ensure increased adhesion onto smooth, dense and/or glassy surfaces. Suitable for floors, walls and ceilings etc. For indoor and outdoor use.

Suitable on/to:

- Non-absorbent substrates such as cement mortars, lime mortars, concrete.
- Calcium/cement plasters, plasterboards.
- Before applying low shrinkage mortars and self-levelling mortars.
- Painted surfaces with architectural colors for in and outdoor use.
- Insulation systems and/or thermo-facade systems.
- For very heavy use projects in residential, commercial, and industrial areas.

Product features / advantages:
UZIN QP 500 penetrates deep into substrates and forms a film. As a result of this property, UZIN QP 500 not only offers excellent bonding abilities, but at the same time strongly reduces the absorbency of substrates. Moisture-sensitive substrates are protected from water excess contained in mortars and adhesives.
Modified styrene acrylic copolymers, mineral fillers, and admixtures

- Excellent adhesion onto dense substrates
- Ready to use
- High tack
- Quick dry
- Excellent penetration, forms film immediately
- No solvents
- Low VOC

Technical data:

Packaging:	Plastic container PE
Sizes:	15 kg, 5 kg and 1 kg
Storage:	min 12 months
Color liquid/dry:	Blue/transparent
Consumption:	200 -300 g/m^2
Min.application Temperature:	10 °C
Best working conditions:	15 - 25 °C substrate
Drying time:	30 - 60 minutes*

* At 20 °C and 65 % relative moisture. See "Application Table".

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UZIN QP 500

SUBSTRATE PREPARATION:

The substrate must be sound, load bearing, dry, free from cracks and materials (dirt, oil, grease) that would impair adhesion. The surface must be vacuumed, primed, and smoothed. Suitable primers and compounds can be found in the UZIN Product Guide. Test the substrate in accordance with applicable standard or notices and report any deficiencies. Allow the primer and levelling compound to dry completely. The datasheets for other used products must be observed.

APPLICATION:

1. Allow container to be acclimatized, shake well before use, then empty the content into a clean, oval bucket.
2. Apply primer by roller or brush in a generous layer and carefully cover the entire surface of the substrate. When substrates are very absorbent, avoid pouring too much in one spot, to avoid local saturation. Better apply two overlapping layers if required.
3. Clean tools immediately after use with water.

CONSUMPTION INFORMATION:

SUBSTRATE	CONSUMPTION	DRYING
Cement mortars, self-levelling, or concrete	200-300 g/m^2	Approx.30 minutes*
Calcium sulfate mortars, gypsum mortars, plasters	200-300 g/m^2	Approx.60 minutes*
Dense surfaces	200-250 g/m^2	Approx. 60 minutes*

* At 20°C and 65% relative moisture

IMPORTANT NOTES:

- A shelf life of 12 months when stored in moderately cool conditions, in the original packaging. Protect from frost. Carefully and tightly reseal opened containers and use the contents quickly. Allow containers to come to room temperature before use.
- Best applied between 18 - 25 °C, with the floor temperature above 15 °C and relative air humidity below 65%. Low temperatures and high air humidity lengthen the working and drying time. Whilst high temperatures and low air humidity shorten the working and drying time.
- Allow the mortars to dry completely before applying UZIN QP 500 as an intermediate primer before applying the next layer of mortars. The second primer application must not exceed the initial thickness.
- For subsequent coats or thicknesses above 10 mm, epoxy resin primers such UZIN PE 460, gritted must be used.
- Not suitable for use on water-soluble adhesive residues (e. g. sulphite adhesives), tackifiers or old bitumen residues. Please look for suitable products in the UZIN Hellas Product Guide.
- Not suitable for Damp proof membrane.
- Not suitable for wood flooring primer.
- Do not use on chipboard, OSB or other wood-based 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.)

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT: Solvent-free. Use of barrier cream and ventilation of the work area are recommended. Keep out of the reach of children. Do not eat, drink, or smoke during the installation. After contact with eyes or skin, wash immediately with plenty of water. Do not allow dispersal into drains, sewers, or ground. Rinse tools with water and soap immediately after use. When fully dried presents no physiological or ecological risk. 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. Product contains isothiazolinones. For allergy information, call the Poison Center 210 7793777 (Greece).

DISPOSAL:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. 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.