

Primer with organic solvents

# UZIN SB 500

Penetrative primer for absorbent substrates

## Applications:

Penetrative, fast-drying primer in organic solvents for pretreatment of absorbent mineral substrates, before the application of cement-based compounds, preferably prior to painting and water insulation works. It grips the dust that exists onto the surfaces and acts as a bridge between substrate and final coating. Suitable to use on floors, walls, and ceilings. For interior and exterior applications.

## Suitable for use on:

- ▶ Absorbent substrates such as cement screeds, cement/plaster-based levelling compounds or concrete
- ▶ Calcium sulphate screeds / fibre-reinforced gypsum panels
- ▶ Cement plasters, calcium/cement plasters, plasterboard panels
- ▶ Mineral substrates before the architectural coating's application for interior and exterior uses
- ▶ Before water-insulating works with film-generating materials and thermo-insulating systems.
- ▶ Areas of high traffic in residential, commercial, and industrial areas

Especially suitable for works where the use of aqueous products/primers should be avoided.

**Attention:** Study the SDS of the product (see Protection of the workplace and the environment).

## Product benefits / features:

UZIN SB 500 penetrates deeply into the substrate and has film-forming properties. As a result, UZIN SB 500 not only offers excellent cohesion but acts simultaneously strongly reductive to substrate's absorbency.

**Ingredients:** Modified synthetic resins dissolved in organic solvents.

- ▶ Fast - drying
- ▶ Excellent penetration, forms film immediately
- ▶ High performance
- ▶ Spray-able
- ▶ Contains solvents
- ▶ High emissions

## Technical Data:

|                               |                             |
|-------------------------------|-----------------------------|
| Packaging:                    | Plastic containers PE       |
| Sizes:                        | 15kg, 5kg and 1kg           |
| Storage:                      | minimum 6 months            |
| Color liquid/dry:             | Yellowish/transparent       |
| Consumption /coverage:        | 100 - 120 g /m <sup>2</sup> |
| Minimum working temperature:  | 5°C                         |
| Ideal working temperatures:   | 10 - 25°C substrate surface |
| Drying time or covered after: | 10 - 15 minutes*            |

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

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## Substrate preparation:

The substrate must be sound, load bearing, dry, free from cracks, clean and free from materials (dirt, oil, grease), that would impair adhesion. Cement and calcium sulphate screeds must be abraded and vacuumed off. Test the substrate in accordance with applicable standards and bulletins and report any deficiencies.

Any adhesion-reducing or unstable layers e.g., release agents, loose adhesives, compounds, covering or paint residues etc. must be removed, e.g., by brushing, abrading, grinding, or shot-blasting. Thoroughly vacuum off loose material and dust. Allow any primers that are applied to dry completely.

Refer to the product data sheets for other products used.

## Application:

1. Shake well, and then decant the contents into a clean, oval bucket.
2. Apply primer coat using a UZIN Nylon Fiber Roller, 25 cm/
3. 14 mm or lambswool roller generously and over the whole of the substrate surface. At edges or walls, the primer coat can also be applied with a standard paintbrush or other type of brush. Where substrates are strongly absorbent, do not pour onto the substrate to avoid excessive local saturation; in some cases, a second coat may be required.
4. Clean tools with special organic solvent immediately after use.

## Application Table:

| Substrate  | Coverage                  | Drying time               |
|--|---------------------------|---------------------------|
| Cement screeds, cement levelling compounds or concrete                               | 100 – 120g/m <sup>2</sup> | approximately 15 minutes* |
| Calcium sulphate screeds, plaster-based precast concrete, plaster substrates, render | 100 – 120g/m <sup>2</sup> | approximately 20 minutes* |
| Weakly absorbent, less porous substrates   | 100 – 120g/m <sup>2</sup> | approximately 25 minutes* |

\* At 20°C and 65% relative humidity

## Important notes:

- ▶ Shelf-life min. 6 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 15-25°C, floor temperature over 15°C and rel. humidity below 65%. Low temperatures and high humidity will delay whilst high temperatures and low humidity will accelerate the drying time.
- ▶ A second coat is recommended on strongly absorbent substrates.
- ▶ Not suitable for use on water-soluble adhesive remnants (e.g., spent sulphite lye adhesives) or old bitumen adhesive remnants. In such cases, use a suitable primer from the current UZIN Hellas product range.
- ▶ Not suitable for use as a moisture barrier.
- ▶ Not suitable for use as a primer directly under wood floor adhesives.
- ▶ 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:

High solvent content. Highly flammable. Irritant. Avoid skin contact with liquid product. Solvents in this product may form explosive air-vapor-mixture. Therefore, provide good ventilation during and after use. No smoking, no open flames. Do not inhale vapors. Switch off all electric devices like doorbells, refrigerators, electric stoves, etc. Use barrier cream and protective gloves. Observe safety information on product label as well as safety data sheet. **For allergy information, call +30 210 7793777 (Greece).**

## Disposal:

Where possible, collect all product waste and re-use. Do not allow into drains, water courses or landfill. Empty, scraped-out and drip-free metal containers are recyclable.

Containers with unhardened residues and collected, unhardened product residues are Special Waste. Hardened product residues, as well as containers with hardened residues are classed as Construction Waste.