



## POLY SATIN 1500 - CEMENT-BASED SATIN FINISH PLASTER

### DESCRIPTION :

POLYSATIN 1500 is a high-performance cementitious skim coat plaster designed to provide a smooth finish before paint and decorative coatings on concrete and aerated surfaces. It offers excellent bonding strength, smooth finishing, and resistance to water, shrinkage, cracking, and weather fluctuations.

### ADVANTAGE:

- Easy to prepare and apply.
- Excellent workability and smooth trowelling.
- High resistance to sagging, cracking, and shrinkage.
- Reduces final paint consumption.
- Fast setting / rapid hardening.
- Provides high-quality smooth finish.
- Freeze/thaw resistant.

### AREA OF USE :

- Concrete surfaces.
- Block and plastered walls.
- Stone and tile surfaces.
- Aerated and lightweight substrates.

### MIXTURE PREPARATION :

- POLYSATIN 1500 on 7 - 8 L of clean water slowly and mix to obtain a homogeneous paste free from lumps.
- Mix thoroughly for 3–5 minutes until a smooth, lump-free, homogeneous consistency is achieved.
- A low-speed mixer is recommended to mix. Do not add any substance which is not mentioned in the instructions for the application.
- The prepared mortar is left to rest for 5-10 minutes so that it matures after which it is mixed for 1-2 more minutes and then it becomes ready for application.

### APPLICATION :

- Apply uniformly using a steel trowel.
- After the material starts losing moisture, perform final smoothing using a damp sponge.
- Recommended layer thickness: 1–3 mm per coat.
- Keep the applied surface moist for 2–3 days after application.
- Sanding should be carried out only after the surface is completely dry.  
Do not apply over painted surfaces, pre-colored plasters, rough renders, or claddings.

### CONSUMPTION :

Approx. 2 – 3 kg/m<sup>2</sup> for 1 mm thickness.

### PRECAUTION IN APPLICATION:

- Should not be applied to surfaces that were exposed to sunlight for too long or to surfaces that are too hot or frozen.
- Should not be applied when the ambient temperature is not within the values of +5°C and +30°C.
- The application area should be protected from the effects of wind and direct sunlight.
- Boards that have stayed under sunlight for too long and have lost their effective features should not be used.
- During application, place insulating boards as closely as possible to one another in order to avoid gaps in between.
- The final consumption amount might vary depending on application conditions and surface characteristics.

### SURFACE PREPARATION :

- Surfaces must be clean, sound, and free of dust, grease, and loose particles.
- Concrete should be cured at least 28 days.
- Porous surfaces should be pre-wetted before application.
- Cracks and holes must be repaired prior to plastering.

### SECURITY INFORMATION :

Use protective clothes, gloves, glasses and mask compatible with Health and Safety regulations during the application. It should not contact skin and eyes. In case it contacts to skin and eyes, rinse it with water and if swallowed ask for medical help. Food and beverage should not be allowed in the application area. It should be stored at the reach out of the children. The Material Safety Data Sheet (MSDS) should be read for detailed information.

### STORAGE AND SHELF LIFE :

Must be stored at temperatures between +5°C and +35°C. Under proper storing conditions, the product's shelf life is 12 months from production date if kept in original packaging unopened and undamaged. Packaged products must be shaken before use

### PACKING :

20 kg craft bags.

### STANDARDS :

EN 998-1



#### TECHNICAL PROPERTIES:

Appearance	Grey and White Powder	-
Pot Life	2 hours	-
Application Thickness	1 – 3 mm	-
Consumption	2 – 3 kg/m <sup>2</sup> /mm	-
Dry Bulk Density	1550 ± 150 kg/m <sup>3</sup>	EN 1015-10

#### PERFORMANCE :

Compressive Strength	≥ 6 N/mm <sup>2</sup> (CS III)	EN 1015-11
Adhesion Strength	≥ 0.5 N/mm <sup>2</sup> (FP: B)	EN 1015-12
Capillary Water Absorption	W0 (kg/m <sup>2</sup> ·min <sup>0.5</sup> )	EN 1015-18
Water Vapour Permeability Coefficient	≤ 15 μ	EN 1015-19
Air Content	% 4 ± 0,5	EN 1015 -7
Reaction to Fire	A1	EN 13501-1

Hereby technical values and product application instructions are obtained in the wake of tests conducted in environment of +23±2°C temperature with relative humidity of %50±5. Higher temperatures will shorten the time span, while lower temperatures will extend it.

