

POLYPLASTER DÉCOR 510

(former CEMENTOPROOF M)

PRE-MIXED, COLORED, ACRYLIC, DECORATIVE PLASTER, NOT REQUIRING PAINTING

GENERAL CHARACTERISTICS

POLYPLASTER DÉCOR 510 is pre-mixed, colored, decorative plaster in form of powder that needs only the addition of water.

- It consists of selected inorganic minerals, resins, and cement.
- It replaces the final coat of plaster.
- Creates plaster with a variety of patterns that does not require painting.
- Suitable for indoor and outdoor application.
- Provides excellent vapor permeability (breathing ability) and weather resistance.
- Applies simply on site (needs only water).
- Ideal for the creation of decorative, colored plaster in building constructions, hotels, shopping centers, and generally in any building project.

TECHNICAL DATA

Basis:	cementitious
Appearance:	powder
Colors:	white and 24 other color shades
Water demand:	6,5 kg/25 kg bag
Bulk density of dry mortar:	1,340 ± 0,005 kg/lit
Bulk density of fresh mortar:	1,770 ± 0,003 kg/lit
Final strength:	after 7 days at 23°C
Compressive strength: (ASTM D 695)	4,5 N/mm ² , 7 days at 23°C
Flexural strength: (Din 1164)	2 N/mm ² , 7 days at 23°C
Granulometry:	0 µm – 1000 µm
Temperature for the application and drying of the material:	5 – 30°C
Working time:	aprox. 5 h at 23°C

PREPARATION - APPLICATION

Applied on clean surfaces, free of materials that might prevent bonding e.g. dust, loose particles, grease etc. The success in the application depends on the right preparation of the underlay and use of the material.

- **Good** cleaning of the surface from dust and residues.
- Priming of the surface with one or two coatings with **AKRYLEX 165 1101** diluted in

Thessaloniki Office

10, 25th Martiou str., N. Efkarpia,
P.C.: 56429, Thessaloniki Greece
T.: (+30) 2310 680105, (+30) 2310 680382
F.: (+30) 2310 692866

e-mail: exports@polat.gr

Athens Office

109, Vouliagmenis Avenue, Glifada,
P.C.: 16674, Athens Greece
T.: (+30) 210 9647320
F.: (+30) 210 9646317

www.polat.gr



ratio 1:1 with water (consumption 100-200 gr/m²).

- While the primer is still sticky, follows application of **POLYPLASTER DÉCOR 510**.
 - **POLYPLASTER DÉCOR 510** is added into clean water under continuous stirring, until a mortar with the required workability is formed. In order to improve the adhesion, it is recommended the addition of 5-10% **AKRYLEX 165 1101**, while for waterproofing the mixture, the addition of 2-4% **POLAPROOF 1109**.
 - The plaster is applied by hand using a float or a trowel, or with a plastering machine.
 - Finally, the plaster is treated using a spiked hand float, after sufficient setting has occurred in order to avoid plaster particles sticking on the tool.
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CONSUMPTION

- Approximately 9 Kg/m²/5mm of final plaster thickness.
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APPLICATION TOOLS

Trowel, plastering machine, spiked hand float. Tools should be cleaned with **WATER** immediately after use.

PACKAGING

Supplied in bags of 25kg.

STORAGE

One year in unopened bags in dry conditions.

REMARKS

- In case of colored **POLYPLASTER DÉCOR 510**, it is recommended that the surface is primed with **AKRYLEX 165 1101** diluted in ratio 1:1 with water prior to application, in order to reduce the absorption of the substrate and ensure a uniform surface color.
 - Working time of the material depends on substrate's absorption, ambient temperature and workability of the mixture.
 - During summer, it is recommended that **POLYPLASTER DÉCOR 510** is watered after application, in order to avoid water loss.
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CAUTION

The application must take place in well-aired places using protective gloves. Skin or eye contact must be avoided, otherwise wash carefully with soap and water.

For more information consult the material safety data sheet.

The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of POLAT S.A.

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