MARMOLINE
ADVANCED BUILDING MATERIALS

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ST 60 CEM

Polymer-modied cementitious putty

DESCRIPTION

Polymer-modified cementitious putty for external or internal use. Characterized by very good workability, high adhesion and excellent moisture resistance.

It is suitable for rendering surfaces, exposed concrete, as it is suitable for sealing cracks, pores and imperfections in concrete.

It is an ideal solution for finishing as it eliminates the need to render the surfaces (fair face putty).

CHARACTERISTICS/ADVANTAGES

- High strength
- Excellent adhesion
- Excellent workability
- Resistance to moisture and frost
- Indoor and outdoor use

FIELDS OF APPLICATION

- Ideal for local repairs on concrete
- Ideal for sealing cracks
- Ideal for pore seals
- Suitable for smoothing surfaces made of concrete, render, etc.

PRODUCT INFORMATION

Packaging	20kg bag
Shelf life	12 months from date of manufacture (stored in original unopened packaging, in places protected from sun, moisture and frost)
Storage conditions	In the original, closed, sealed and indestructible packaging, protected from direct sunlight light and frost and at temperatures from +5°C up to +35°C

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TECHNICAL CHARACTERISTICS

Appearance / color	White powder
Density of fresh mortar	1,6 kg/lt
Compressive strength:	> 5 MPa
Flexural strength:	> 1,8 MPa
Capillary water absorption:	W_c0
Fire behavior	Euroclass A1
Capillary absorption	$\leq$ 0,5 $kg \cdot m^{-2} \cdot h^{-0.5}$

APPLICATION INFORMATION

Environmental temperature :	Temperature from +5°C / +30°C
Consumption:	Approximately 1.5 kg/m2/mm layer thickness.

DIRECTIONS OF USE

• The substrate must be stable and free of dust, grease, loose materials, etc.

• Before applying ST 60 CEM, the substrate to be well saturated.

• Put water in a clean container and add progressively and with constant stirring the powder of ST 60 CEM in a ratio of ST 60 CEM: water=3:1 by volume, until a homogeneous pasty mass is created, suitable for installation.

• The material remains workable for approximately 2 hours.

• Do not use the material thicker than 2 mm because there is a risk of cracks.

TOOLS CLEANING

Clean tools with hot water and soap

HEALTH, SAFETY & ENVIROMENTAL PROTECTION

Detailed information and instructions regarding the safe management of the product and in matters of Health & Safety are provided in the most recent Safety Data Sheet (SDS), copies of which are available on the company's website www.marmoline.gr or upon request.

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LEGAL NOTICE

We guarantee the quality of all our products, based on their technical specifications, as described in the Declaration of Performance (CE) and this technical data sheet.

Such guarantee refers only to the products that we deliver for use and never to its application

or result, which largely depend on the experience and quality of work of each user and on the application conditions.

The user is advised to test the product on a small scale, and if he is satisfied with the result, then to use the product on large scale in his project. This edition of technical data sheet automatically cancels any previous version.

CE

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DoP: 092 MARMO-CPR

NORDIA S.A.

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EN 998-2:2016

MARMOLINE ST 60

General purpose plaster for internal or external use (GP/CSII)

Capillary water absorption: W_c0

Water vapour permeability: μ 15/35

Adhesion after weathering cycles : 0.5 N/mm^2 (FPb)

Thermal conductivity: λ_{10},dry = 0.53 W/mK (tab. mean value; P= 50%

Durability (against freeze/thaw in the place of use): NPD

Reaction to fire: Class A1

Dangerous substances: See product's SDS