



# MEGAPREM 20A



## PREMIXED CEMENT PRIMER

### ABOUT THE PRODUCT

MEGAPREM 20A is a dry premixed mortar based on cement and classified sands, developed after the most traditional and popular mix designs. Its main use is for the realization of priming supports. It is suitable for the treatment of particularly smooth surfaces, such as prefabricated panels, pillars, slabs; in general every time it is necessary to create a layer of material provided with a considerable bond (deteriorated surfaces, cement or expanded clay blocks, concrete treated with demoulding oil).

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### FEATURES

The careful choice of the raw materials and the modern technology of Premix S.p.A. plants produce an easy-to-apply coat which is very light, workable and smooth.

The MEGAPREM 20A mix is completed with the natural admixtures that assure the high performance typical of the modern premixed mortars.

Thanks to the water retention level of MEGAPREM 20A, the primer features a good rheology, a good flowing and a perfect curing phase with no cracks nor crackles.

Its thixotropy allows the laying of thick coats with no sagging and decreases the friction against the plaster knives or trowels. Thanks to its strong bonding property (adhesion strength superior to 1.1 MPa) MEGAPREM 20A can be directly applied to any support as long as this is properly clean and dampened. The particular nature of the calcareous aggregate used in the mix – which is lighter than the sands commonly used – makes the fresh mortar made with MEGAPREM 20A very easy to apply, which is very convenient for the user.

### HOW IT IS USED

The MEGAPREM 20A is prepared adding only water in the due proportion (30 - 35%) and it can be applied with the trowel or sprayed.

The MEGAPREM 20A must be used as an undercoat for plasters or directly as final coat, in cases in which a strong priming power is necessary. It is suggested to wait about 24 hours before the next application. Before applying the MEGAPREM 20A it is recommendable to scrape the support with a steel brush in order to remove all the flimsy parts. Moreover, make sure that the surface is dustless or without scaling or friable parts. When the MEGAPREM 20A is laid on absorbent surfaces, it is a good thing to moisten the walls before the application. In hot periods and on windy days, protect the product right after its laying to avoid a too fast drying. It is necessary to protect the MEGAPREM 20A from the intense cold in the first 48 - 72 hours following the application.

The MEGAPREM 20A must not be laid when the minimum temperature is lower than 5° C. We do not recommend the laying of MEGAPREM 20A on walls impregnated with water. When the product has hardened, it is possible to proceed with the plaster execution or with the repair that should be preferably carried out with the Megaprem line of products.

### ADVANTAGES

The advantages in using MEGAPREM 20A are the following:

- high quality primer for the building contractors and their customers;
- saving in the application stage; high efficiency of the working team; shorter operation times;
- It makes up for the lack of qualified labour; it eliminates waste materials and helps keeping the construction site clean.
- It is a ready-to-use product which solves possible space problems and eliminates the difficulties in getting supplies of the traditional materials for rendering and plastering.

### SAFETY INSTRUCTIONS FOR THE PREPARATION AND APPLICATION

MEGAPREM 20A contains special hydraulic binders that when in contact with sweat or any other bodily fluids, produce an alkaline reaction, irritating to skin. When in contact with eyes, it can cause serious damage. Wear protective gloves and goggles. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. For further information refer to the safety data sheet.

### CLEANING

Before hardening, the mortar can be removed from tools with water. Afterwards cleaning is very difficult and can only be carried out mechanically.

### PACKAGING

MEGAPREM 20A is supplied in 25 kg paper bags on pallets protected with stretch hood.

### STORAGE

6 months in a dry and sheltered place in original sealed packaging, on wooden pallets where possible.

### STORAGE

“Primer to be made with dry premixed mortars hydraulic binders-based, type MEGAPREM 20A, with adhesion strength superior to 1.1 MPa”. The Premix S.p.A. Technical Office is available for on-site demonstrations and for any further practical information on the product.

# MEGAPREM 20A

## MAIN TECHNICAL DATA OF MEGAPREM 20A

Mixing water	30 - 35 %
Colour	light grey
Type	powder
Yield	3 - 5 kg/m <sup>2</sup>
Maximum diameter of aggregate	1,25 mm
Apparent bulk density	1.22 g/cm <sup>3</sup>
Reaction to fire (D.M. 14/1/1985)	class "0" (non-combustible)
Adhesion strength	1.1 MPa
Water retention	94 - 98%
Suggested thickness	up to 4 mm
Application temperature	from + 5° C to + 35° C
Initial setting at 20° C	3 - 4 hours

The times shown in the above table – referred to 20 °C and 60% Relative Humidity – are longer when the temperature is lower and shorter when the temperature is higher.

Warning – The above mentioned instructions and rules – although matching our experience – are merely indicative and must be confirmed by thorough practical applications.

Therefore, before using this product, the prospective user must establish whether it is suitable for the planned use and he/she will take full responsibility for its use.

Premix reserves the right to make technical modifications without notice.