

## 6.1 MORTARS FOR PLASTERING

### MORTEL GP-08



Unit of measurement	Pieces/Pallet	Consumption	Color/other specifications
40 kg/sack	42 cp/pallet	1,5 Kg/m <sup>2</sup> /mm	Grey
100 Kg/Bulk	Silos	--	--



#### MORTEL GP 08

Basic filling material for brick or block walls for indoor and outdoor environments

#### TECHNICAL FEATURES

Powder material, with cement, lime, stone sand of selected granulometry, synthetic resins and special additives.

- It is characterized by an excellent workability.
- High mechanical resistance
- Free of vertical slip
- Adhesion abilities in walls and ceilings

#### AREA OF APPLICATION

It is used as a basic mortar to stucco all types of supports, such as: brick or block walls, etc. The product is applied through a machinery or hand. During the application of product, the support and environment temperature should be from +5°C up to +35°C.

#### PREPARATION OF THE SUPPORT

The support where the material will be applied must be dry, clean, uniform, absorbent, and stable. There should be no external residues, such as: oils, varnishes, petroleum, etc. On the support where the material will be applied should be no such phenomena as fluorescence.

#### MIXTURE PREPARATION

Mix 25 Kg powder filling mortar with 6.5 - 7 liters of water through an electric agitator or manually, until you get a mixture appropriate for the required application. You can also work with a pump.

#### MANNER OF PRODUCT APPLICATION

The product is applied manually, with a trowel or mechanically with a pump. When the product is applied with a pump you should pay attention to the consistency of processing. Do not add other materials, except for Latex. In case of longer pauses, the agitator should be left empty and be cleaned. Fresh mortar should be processed within 2 hours. Protect the bricks and mortar (especially, during work interruption) from rain. In cases of high temperatures, it is better to slightly water the mortar before it gets dried, so as not to lose its water.

#### Reinforcement with Latex

To improve the adhesiveness, resistance to water, plasticity, flexibility, mechanical strength, etc., the mortar can be reinforced with Latex additive. The mixing ratio is 1: 5 in water.



**TECHNICAL DATA (IN +23°C AND 50% U.R.)**

Form	Powder
Color	Grey
Storage	12 months in original packaging and in a dry place
Combustibility	Incombustible
Mixing ratio	5 liters of water per 25 kg
Mixture density	1.5 gr/cm <sup>3</sup>
Consistency mixture	Thixotropic
Application temperature	+5°C to +35°C
Pot life	3 - 4 hours
Working time	30 min
Maximal thickness for one layer	2 cm
Thermal conductivity according to EN 1745	0,28 W / mK
Solidification start	385 min

**FINAL DATA**

Resistance to compression after 7 days	≥ 3.5 N/mm <sup>2</sup>
Resistance to compression after 28 days	≥ 5.3 N/mm <sup>2</sup>
Resistance to salts	Good

