

plastolit

liquid mortar plasticizer - replaces lime

- Improves workability and increases yield
- Increases final strength, cohesion and watertightness of the mortar
- Improves the adhesion to the substrate
- Reduces material and labor costs



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DESCRIPTION

PLASTOLIT is a liquid plasticizing admixture that significantly improves the workability of cementitious mortars.

It fully replaces lime.

APPLICATIONS

PLASTOLIT is used in masonry mortars, base-coat and final-coat renders, as well as in floor screeds, significantly improving workability and final strengths, whether applied manually or by pumping machine.

It is also an excellent aid for tile and marble installations.

PROPERTIES / ADVANTAGES

The addition of PLASTOLIT to mortars provides the following benefits:

- Significant improvement in mortar workability and increased yield.
- Increased final strength, cohesion, and watertightness of the mortar.
- Improved adhesion of the fresh mortar to the substrate.
- Extended open time of the mortar.
- Elimination of the disadvantages of lime (efflorescence, peeling, sagging of plaster, etc.).
- Chloride-free composition, without corrosive components that may damage reinforcement and building materials or cause skin irritation.
- Reduction in material and labor costs.
- Maintenance of a cleaner jobsite.

HARMONIZED STANDARDS / REGULATIONS

PLASTOLIT is not classified as a hazardous product under European Regulation (EC) No. 1907/2006 (REACH).

APPLICATION INSTRUCTIONS

PLASTOLIT should first be added to water and then introduced into the mixer during mortar preparation.

The required dosage is significantly affected by the quality and grain distribution of the aggregates used.

The use of clean sand with an adequate fine fraction contributes to a reduced PLASTOLIT demand.

Indicative dosage rates:

- Masonry mortars and mortars for laying tiles/marble:
200g of PLASTOLIT per 50kg of cement.
For the preparation of 1m³ of mortar, the following quantities are required:
250kg cement + 1m³ sand + 250kg water
+ 1,000g PLASTOLIT
- Renders:
300 g of PLASTOLIT per 50kg of cement.
For the preparation of 1m³ of mortar, the following quantities are required:
250kg cement + 0.85m³ sand + 250kg water
+ 1,500g PLASTOLIT.

CLEANING OF EQUIPMENT

All tools and application equipment are cleaned with water while the mortars with added PLASTOLIT are still fresh. Hardened material can only be mechanically removed.

RECOMMENDATIONS

- Temperature during application should be between +5°C and +35°C.
- Stir well before use.
- Avoid overdosing, as it may negatively affect the properties of the mortars. When the dosage exceeds 0.4% by weight of cement, the mechanical strength of the mortar is significantly reduced.
- Do not use dirty or salty water for dilution.

TECHNICAL CHARACTERISTICS

PRODUCT CHARACTERISTICS

Appearance	low-viscosity liquid
Colour	clear
Density	1.02 ±0.05 kg/lt

APPLICATION CHARACTERISTICS (+23°C / 50% R.H.)

Application temperature	minimum: +5°C / maximum: +35°C
Consumption	approximately 200-300g of PLASTOLIT per 50kg of cement depending on the application and the quality characteristics of the sand used

Note: Measurements were conducted in a laboratory environment. The varying conditions present on-site (temperature, humidity, ventilation, substrate absorbency) may affect the material's properties.

SAFETY PRECAUTIONS

- PLASTOLIT is not classified as a hazardous product under European Regulation (EC) No. 1907/2006 (REACH).
- It is recommended to always wear appropriate protective equipment for eyes and skin (protective clothing, gloves and goggles).
- If skin contact occurs, rinse well with plenty of clean water.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Refer to the product's Safety Data Sheet for further information on safe handling and precautions.
- **PRODUCT FOR PROFESSIONAL USE ONLY.**

PACKAGING - STORAGE

Available in:

- 1kg, 5kg and 20kg plastic containers.

Storage: 12 months from production date, if stored in original, sealed container, protected from direct sunlight and frost.

LEGAL NOTICE

The technical characteristics and recommendations for the use and application of the **FINOMIX** range of products are based on the knowledge and experience of the company. The above information shall be considered merely indicative and subject to confirmation after long-term practical application. For this reason, anyone who intends to use the product must ensure that it is suitable for the envisaged application. Since the specific site conditions during the applications are beyond the control of our company, the user alone is fully responsible for any consequences deriving from the use of the product. **FINOBETON S.A. (FINOMIX)** has the right to modify the properties of its products without prior notice. This release voids any previous publications issued for this technical specifications sheet.

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