



MAXMORTER[®] CAL



LIME MORTAR FOR REPAIR, POINTING OF JOINTS AND RENDERING OF BRICK AND STONE

DESCRIPTION

MAXMORTER[®] CAL is a mortar based on lime and inert aggregates with controlled size. It is specially designed for repair, pointing of joints and rendering of deteriorated stone and brick elements in masonry, for both interior and exterior applications.

APPLICATION FIELDS

- General restoration of deteriorated façades, walls and galleries in historic buildings.
- Repair and sealing of joints in brick, stone and other masonry.
- Filling of voids in walls.
- Rendering of masonry walls.

ADVANTAGES

- Allow the substrate to breath. Permeable to the water vapour.
- Does not contain cement in formulation, suitable for damaged and weak masonry substrates.
- Salt-free composition.
- Great workability and easy to apply.

APPLICATION INSTRUCTIONS

Preparation of the substrate

Substrate to be treated must be sound, clean and free of dirt, paints, efflorescences, grease, gypsum and loose particles, which could affect to adhesion of the product. Before the application of **MAXMORTER[®] CAL**, dampen the surface with clean water. It must be saturated surface dry with no free-standing water.

Mixing

A 25 kg bag of **MAXMORTER[®] CAL** requires 6,0 to 7,0 litres of clean water (26% ± 2%) depending on the desired consistency and existing ambient conditions.

Mix mechanically using a slow speed drill (400-600 rpm) until achieving a homogeneous product in colour and appearance. Small quantities can also be mixed by hand.

Optionally, in order to provide a greater adhesion, mechanical properties and curing process, a mixing liquid composed of **MAXCRYL[®]** /water in a 1/3 ratio can be used.

Application

MAXMORTER[®] CAL can be applied manually by trowel or mechanically by spraying methods. After the initial set, provide the desired finish using a wet sponge or a trowel. Do not overwork; minimize trowelling.

For rendering of walls, the recommended maximum thickness per layer is 1 cm.

Application conditions

Do not apply if temperature is below 5 °C or above 35 °C. Do not apply on frozen or frosted surfaces.

Curing

Under extreme conditions such as wind, heat, low relative humidity or direct sunlight, provide a moist curing with water after application but avoid to wash out the surface.

Cleaning

All tools and equipments must be cleaned with water immediately after use. Cured material can be removed by mechanical methods only.

CONSUMPTION

The estimated consumption is 16 kg/m²·cm thickness. This estimative consumption may vary depending on the roughness, texture and surface conditions, and application methods. A preliminary test on-site will determine the coverage exactly.

IMPORTANT INDICATIONS

- Never use leftovers from previous mixes.
- Do not add cements, lime, aggregates or any other non-specified compound.
- Do not exceed the maximum application thickness per layer (1 cm).
- For other uses not specified in this Technical Bulletin consult our Technical Department.

PACKAGING

MAXMORTER[®] CAL is supplied in 25 kg bags. It is available in white colour and other colours available by request.

TECHNICAL DATA

Characteristics for the product	
Appearance and colour	White powder
Apparent density of powder (g/cm ³)	1,10 ± 0,05
Application and curing conditions	
Mixing water (% , by weight)	26 ± 2
Density of cured mortar (g/cm ³)	1,85 ± 0,05
Characteristics for cured product	
Compressive strength at 28 days (MPa)	4 - 6
Adhesion at 28 days (MPa)	> 0,3

Mixing liquid: 26 % by weight of water.

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO[®], S.A.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.



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STORAGE

Twelve months in its original unopened bag. It must be stored in a dry, cool and covered place, protected from direct sunlight and frost, with temperatures above 5 °C.

SAFETY AND HEALTH

MAXMORTER[®] CAL is a non-toxic product but it is an abrasive compound. When mixing and applying of mortar do not work without the protection of rubber gloves and safety goggles. In case of eye contact, rinse immediately and thoroughly with clean water without rubbing and seek medical assistance. In case of skin contact, wash the affected areas with abundant water and soap.

For further information, Safety Data Sheet of **MAXMORTER[®] CAL** is available by request.

The final user must do disposal of the product and its empty packaging according to official regulations.

ISO 9001
ISO 14001

BUREAU VERITAS
Certification



n° 6003176 / 6003176-MA