



MAXMORTER® CAL-GLAZE

FINE LIME MORTAR WITH SMOOTH AND GLOSSY DECORATIVE FINISH



DESCRIPTION

MAXMORTER® CAL-GLAZE is a lime-based mortar composed of calcium hydroxide, very fine fillers and special admixtures. It is specially designed to be applied on **MAXMORTER® CAL-F** in order to get a stucco-type surface, with very smooth and shiny high-level decorative finish, for interior and exterior use.

APPLICATION FIELDS

- Decorative finishing on walls, ceilings and pillars previously levelled with **MAXMORTER® CAL-F** (Technical Bulletin No. 228).
- Smooth and shiny decorative finishing with in historical buildings, heritages, shopping centers, hotels, residential areas, etc.

ADVANTAGES

- Permeable to the water vapour, allows the substrate to breath, i.e. does not form a water vapour barrier.
- Does not contain cement in formula. Compatible with lime-based surfaces, weak substrates or damaged masonry units.
- Salt-free composition.
- Good workability and easy to apply.

APPLICATION INSTRUCTIONS

Surface preparation

Level surface previously with **MAXMORTER® CAL-F** applied with 2-3 mm thickness layer by stainless steel trowel. Wait for 5-7 days of curing time before applying **MAXMORTER® CAL-GLAZE**.

Saturate thoroughly the entire surface with plenty of water before application. Allow excess water to drain away, and then start application once the surface acquires a matte appearance. If it gets dry, proceed to saturate with water again.

Mixing

A 15 kg bag of **MAXMORTER® CAL-GLAZE** requires from 8,5 to 9,5 litres (56,6-63,3%) of water depending on existing ambient conditions and desired consistency. Pour the required amount of water in a clean container and then slowly add **MAXMORTER® CAL-GLAZE** to the

liquid and mix, using a slow speed electric drill (400-600 rpm) fitted with a disc mixer for about 2-3 minutes until achieving a smooth, lump-free and homogeneous product. Allow the mixture to rest for 3 to 5 minutes to fully wet out all the powder, and remix again briefly before applying.

Optionally, in order to improve adhesion, mechanical strength and/or curing process, a dilution of **MAXCRYL®** and water with a ratio of 1:3 by volume can be used as mixing liquid.

Application

Apply by stainless steel one coat of **MAXMORTER® CAL-GLAZE** with a maximum thickness of 1,0 mm. Smooth surface by burnishing it successively in several strokes by firmly pressing the mortar with the steel trowel, until obtaining a shiny and smooth finish.

For exterior applications, after 5-7 days of curing time depending on the ambient temperature, and once surface is perfectly dry, apply the transparent siloxane **MAXCLEAR®** (Technical Bulletin No. 13) as protection against rainfalls and weathering.

For interior applications, after 24-48 hours of curing time, depending on the ambient temperature, apply the protective wax-based film **MAXGLAZE® CAL** (Technical Bulletin No. 238) as a shiny and smooth transparent finish.

Application conditions

Do not apply if rain, water contact, condensation, dampness or dew is expected within the first 24 hours. Do not apply with substrate and/or ambient temperature is at or below 5°C, or when temperatures are expected to fall below 5 °C within 24 h after application. Do not apply to frozen or frost-covered surfaces.

For applications at hot temperatures, low relative humidity and/or windy conditions, i.e. summer time, wet surface thoroughly with plenty of water prior to application, and use **MAXCRYL®** in the mixing liquid. Avoid applications in areas exposed to direct sunlight with wind or extreme heat.

Curing

Prevent rapid drying of **MAXMORTER® CAL-GLAZE** and protect from extreme heat and direct sunlight, keeping moisture curing the first 24 hours after the application.

Cleaning

All mixing and application tools must be cleaned immediately with water after use. Once product hardens, this can only be removed by mechanical means.

CONSUMPTION

Estimated consumption of **MAXMORTER® CAL-GLAZE** is 0,65 kg/m² per mm thickness.

This figure is for guidance only and may vary depending on porosity, texture, substrate conditions and application method. Perform a preliminary test on-site to ascertain the total consumption exactly.

IMPORTANT INDICATIONS

- Do not add cement, lime, additives, aggregates or other compounds.
- Use the recommended mixing liquid to powder ratio.
- Do not use leftovers from previous mixes.
- Apply only on substrates previously levelled with **MAXMORTER® CAL-F**. Do not apply **MAXMORTER® CAL-GLAZE** directly on bricks, concrete blocks or other substrates without levelling.
- Observe the recommended thickness per coat.
- For other uses not specified on this Technical Bulletin or further information, consult the Technical Department.

PACKAGING

MAXMORTER® CAL-GLAZE is supplied in 15 kg bags. It is available in white colour. Other colours are available upon request.

STORAGE

Twelve months in its unopened original packaging. Store in a cool, dry and covered place, protected from moisture, freezing and away from direct sunlight, at temperatures above 5 °C.

SAFETY AND HEALTH

MAXMORTER® CAL-GLAZE is not a toxic product but is an abrasive composition. Avoid direct contact with skin and eyes, and breathing dust. Use rubber gloves and safety goggles when handling, mixing and applying the product. In case of contact with skin, wash affected area with soap and water. In case of contact with eyes, rinse immediately thoroughly with clean water but do not rub. If the irritation persists, seek medical assistance.

Consult the Material Safety Data Sheet for **MAXMORTER® CAL-GLAZE**.

Disposal of the product and its packaging should be carried out according to the current official regulations and it is the responsibility of the final user of the product.

TECHNICAL DATA

Product characteristics	
<i>CE Marking, EN 998-1</i>	
Description: Rendering and Plastering mortar of General Purpose. GP	
Uses: Walls, ceilings, pillars and partition walls in internal/external elements	
General appearance and colour	White or pigmented powder
Maximum size of aggregate, (mm)	0,1
Density for powder, (g/cm ³)	0,7 ± 0,1
Water o mixing liquid, (% by weight)	60 ± 3
Density of fresh mortar, (g/cm ³)	1,6 ± 0,1
Application and curing conditions	
Minimum application temperature for substrate and ambient, (°C)	> 5
Pot life at 20 °C and 50 % R.H., (min)	25 – 35
Waiting time for application of MAXGLAZE® CAL at 20 °C and 50 % R.H., (h)	24 - 48
Waiting time for application of MAXCLEAR® at 20 °C and 50 % R.H., (d)	5 - 7
Total curing time at 20 °C and 50 % R.H., (d)	28
Cured product characteristics	
Adhesion and break type, EN 1015-12 (N/mm ² - FP)	> 0,3 – B
Water absorption by capillary, EN 1015-18 (Class)	W 0
Permeability to water vapour, EN 1015-19 (μ)	< 20
Reaction to fire, EN 13501-1 (Euroclass)	A1
Thickness / Consumption*	
Maximum thickness per coat, (mm)	< 1,0
Consumption per coat, (kg/m ² ·mm)	0,65

* These figures are for guidance only and may vary depending on porosity, texture, substrate conditions and application method. Perform a preliminary test on-site to ascertain the total consumption exactly.

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.U.** 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.



DRIZORO, S.A.U.

C/ Primavera 50-52 Parque Industrial Las Monjas
28850 TORREJON DE ARDOZ – MADRID (SPAIN)
Tel. 91 676 66 76 - 91 677 61 75 Fax. 91 675 78 13
e-mail: info@drizoro.com Web site: drizoro.com

