



MAXFIX[®]-Y

ADHESIVE MORTAR FOR FIXING OF PLASTER MOULDINGS

DESCRIPTION

MAXFIX[®]-Y is an adhesive mortar composed of special gypsums, very fine aggregates and admixtures, that once mixed with water provides a suitable paste for placing plaster mouldings by either spreading a thin layer or putting lumps on the back of the moulding.

APPLICATION FIELDS

- Indoor fixing of plaster/gypsum mouldings, cornices, ceiling medallions/roses, corbel, bracket, centre panels, ceiling moulding, skirting, beading, corners, wall panels, small domes, etc. on gypsum or plaster surfaces.
- Sealing of joints and gaps between plaster mouldings.

ADVANTAGES

- High adhesion to standard gypsum substrates.
- Excellent water retention, it avoids to dampen the substrate or plaster mouldings and pieces.
- Good thixotropy and initial adhesion, prevents sliding of the placed pieces and mouldings.
- Easy to use. Long open time and good workability, allowing arranging the moulding pattern.
- High compatibility with plaster and gypsums. No cement compounds in its composition and it does not release salts.

APPLICATION INSTRUCTIONS

Surface preparation

Surfaces must be structurally sound, clean and free from dust, grease, paints, efflorescence, oils, demoulding agents or any other material that could affect to adhesion.

Substrate must be as flat as possible, with no unevenness greater than 5 mm measured with a 2 meters long guide.

Mixing

A 18 kg bag of **MAXFIX[®]-Y** is mixed with from 6,6 to 7,7 litres of clean water (40% ± 2). Mix mechanically using a low speed drill (400-600 rpm) until achieving a lump free and homogeneous paste. Small quantities of product can also be mixed by hand. Do not mix for prolonged period nor use high-speed mixer. Allow mortar to rest 5 minutes and then, remix briefly again before applying. Only mix quantities that can be placed in 30 minutes or less. After this period, setting process starts and mortar loses its workability. If needed, re-mix the mixture to keep its workability, but do not add more water.

Application

Apply **MAXFIX[®]-Y** on the back surface of the plaster mouldings a thin layer using a spatula or trowel, controlling the application maximum thickness and avoid the slumping of pieces on vertical surfaces. Do not apply in thickness greater than 2-3 mm.

While the layer is still fresh, place the mouldings and press them with slight twisting motion, until flattening the adhesive points and ensuring the moulding back achieves full contact with the mortar and surface to which to be bonded.

The open-time for fixing is 10 minutes at 20 °C and the rectification time is from 1 to 2 minutes, increasing with lower temperatures and reducing with higher temperatures.

Joint/gap sealing can be carried out 24 hours after using **MAXFIX® -Y**. Apply the mortar into the gaps/joint and observe a drying time of at least from 3 to 4 hours. Finally, sand the area in order to provide any finish desired.

Application conditions

Do not apply with temperatures below 5 °C or if lower temperatures are expected during the following 24 hours. Do not apply on frozen or frosted surfaces.

Protect the application from high temperatures, moderate to high winds, low humidity conditions or direct sunlight exposure, i.e. summer time. Do not apply at ambient temperatures above 35 °C.

Curing

Applications carried out at lower temperatures with high relative humidity or with poor ventilation will require longer curing times.

Cleaning

Before **MAXFIX® -Y** sets, all tools and equipment should be cleaned immediately with water. Once it hardens, product can only be removed by mechanical means.

CONSUMPTION

The estimated consumption of **MAXFIX® -Y** is 1,1 kg/m²·mm thickness. This figure may vary depending on the roughness and porosity of both moulding and substrate. A preliminary test on-site will determine the coverage exactly.

IMPORTANT INDICATIONS

- For interior use only.
- Do not use on surfaces with permanent humidity or subject to rising damp.
- Remix briefly the mortar in order to keep its workability, but do not add more water.
- Do not exceed the maximum thickness recommended per layer, i.e. 3 mm.
- For further information and other uses not specified in this Technical Bulletin, consult our Technical Department.

PACKAGING AND COLOUR

MAXFIX® -Y is supplied in 18 kg bags and it is available in white colour.

STORAGE

Twelve months in its original unopened packaging, in a dry covered place, protected from humidity and freezing, at temperatures above 5 °C.

SAFETY AND HEALTH

MAXFIX® -Y is not a toxic compound but is abrasive in its composition, so protective rubber gloves and safety goggles must be used to prepare and apply the mixture. In case of eye contact, rinse thoroughly with clean water, but do not rub. In case of skin contact, wash affected areas with soap and water. If irritation continues, seek medical attention.

For further information, Safety Data Sheet of **MAXFIX® -Y** is available by request.

Disposal of the product and its empty packaging must be made by the final user and according to official regulations.

TECHNICAL DATA

Characteristics of the product	
Appearance and colour	White powder
Apparent density in powder form (g/cm ³)	0,7 ± 0,05
Maximum aggregate size (mm)	< 0,2
Application and curing conditions	
Mixing water (% , by weight)	40 ± 3
Pot life for fresh paste at 20 °C (min)	60 - 90
Open time for fixing of mouldings at 20 °C (minutes)	10
Rectification time at 20 °C (minutes)	1 - 2
Setting time at 20 °C (hours)	2 – 4
Consumption / Thickness	
Consumption (kg/m ² ·mm thickness)	1,1
Maximum recommended thickness per layer (mm)	3

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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