



MAXMORTER[®]
FLOOR

FAST SETTING AND DRYING HYDRAULIC BINDER FOR LEVEL INCREASE OF FLOORS

DESCRIPTION

MAXMORTER FLOOR is a fast setting, fast drying, hydraulic binder made of special cements and modified with polymers, that once mixed with suitable aggregates on site, is used for the thickness increase of concrete and compression layers prior to the placing of a pavement finish.

USES

MAXMORTER FLOOR is suitable to increase the thickness of floors before application of pavement such as wood parquet, ceramic, vinyl, etc. over compression layers or concrete shortly after the application of the product, in thickness up to 4 cm.

ADVANTAGES

- Fast curing.
- Allows application of ceramic tiles after 24 hours.
- Allows placing wood or parquet finish after 48 hours.
- Layers up to 40 mm., per application are possible.

APPLICATION INSTRUCTIONS

Preparation of the surface. The substrate must be solid, be clean from grease, oils, dust, paint, curing agents, primers or any other substance that may hinder the good adhesion of MAXMORTER FLOOR.

The substrate must be rough to facilitate the adhesion of MAXMORTER FLOOR.

To improve the adhesion to a smooth substrate or between MAXMORTER FLOOR layers, the substrate can be primed with a suitable bonding agent such as MAXBOND (Technical Bullentin Nº.: 10.) and apply MAXMORTER FLOOR before the MAXBOND loses its tackiness, which means it is past its open time, and is still sticky.

Mixing. MAXMORTER FLOOR, aggregates and water can be mixed in a concrete mixer or by hand.

The recommended proportion is:

COMPONENTS	AMOUNTS (kg)
MAXMORTER FLOOR	1000
CLEAN AGGREGATE 0-4 mm	2400
GRAVEL 4-10 mm	1600
WATER	470

Before adding the water, the dry components should be pre-mixed with MAXMORTER FLOOR in the ratios stated above.

The amount of water may vary depending on the humidity contents of the aggregates and their average size. If the aggregates are damp, the amount of mixing water should be reduced. In any case the final consistency should be such that there is no segregation or water appearing on the surface.

Do not add more water once the mix begins its setting.

Placing on site. The mixture obtained using the above recommendations is placed on the substrate with the help of a straight edge or trowel.

The material must be placed and levelled before 30 minutes pass after its mixture.

If an additional layer of the same mix is desired, it is advisable to provide a rough finish to the first layer to facilitate the adhesion of the second layer. The second layer should be applied between the next 8 to 24 hours.

Expansion joints. It is advisable to create expansion joints all around the perimeter of the application (between rooms, hallways, etc.), around columns, in the intersection between different substrate areas, and where ever there are existing joints.

In large areas, expansion joints must be created every 40 square metres.

CAUTIONS

- Do not use on vertical surfaces.
- Do not use outside.
- Do not mix MAXMORTER FLOOR with other cements, lime, mortars, or similar materials.
- Do not use on substrate submitted to hydrostatic pressure or humidity.
- Do not apply at temperatures below 5°C or above 35°C.
- If the substrate is new, allow 28 days for it to complete its curing before placing MAXMORTER FLOOR.
- An excessive amount of water or the use of aggregates of size different from the recommended, may cause the obtaining of different results from those indicated in this technical bulletin.

CONSUMPTION

500 kg of MAXMORTER FLOOR with the mixing ration indicated above produce approximately 1 m³.

PACKAGING

20 kg. bags and drums.

COLOURS

Grey.

STORAGE

Six months in bags and twelve months in drums, in their unopened original packaging, in a dry covered place, protected from dampness and frost.

TECHNICAL DATA

Mixing water (%)		9,5
Pot life of the mix (minutes at +20°C)		30
Setting time at (+20°C) Beginning End		35 Minutes 3 a 5 hours.
Time between layers (hours)		8 - 24
Mechanical strength	Flexural (MPa)	Compressive (MPa)
1 day	4.5	23.7
7 days	6.4	44.6
28 days	7.4	48.5

Setting and application times (At 22°C and 40% R.H.)

Mechanical strengths with the type and ratio of aggregates indicated above.

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. DRIZORO 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.



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