

MR -ELASTIC UNIVERSAL

Flexible mineral waterproofing

Waterproofing of terraces, swimming pools, ground floors, basements, garages and water tanks.

Presentation

MR- ELASTIC UNIVERSAL is a technical, waterproofing, flexible, two-component mortar: made up of Solid Component "A" and liquid Component "B".

Suitable supports

Stripped concrete, Concrete blocks (solid or hollow), Ceramics, Traditional cement-sand mortars, Cellular cements (autoclave), Expanded clay mortars, Other supports (consult).

The supports must be resistant, stable, healthy and clean, free of dust, remains of release agents, organic products, etc. In case of heat, wind or on very absorbent supports, it is advisable to moisten the support and wait for the water film to disappear.

On slightly porous supports, apply a primer or improve the roughness by mechanical means. (AGMA CH)

Do not apply on plasters or paints.

Technical characteristics

COMPONENT "A"		COMPONENT "B"	
-Presentation:	Solid	- Presentation	Liquid
- Colors:	white	- Color	White
- Apparent density:	1.4 ± 0.05g/cm3	- Apparent density:	1 ± 0.1%
- Solid content	100%	- Solids content	35%
- PH (100% distilled water) :	12.5	- PH (100% distilled water):	8 ± 1
- Chloride-free	Yeah	- Chloride-free	Yeah
- Storage (Closed, sheltered container, extreme conditions, 1 year)		- Storage (closed, sheltered container, extreme, 1 year)	conditions
- Composition -Cement		- Composition	-Acrylic resin
-Mineral fillers		-Antiferments	
-Correctors		-Antifoams	
-Pigments		- Packaging	10 kg jar.
- Packaging	20 kg bag.		600 kg pallet.
	1200 kg pallet	- Open use time:	1 hour
- Open use time:	1 hour		
- Brush application mixing ratio; 2 / trowel application:	2.5		
- Adhesion	1.5 N/mm2 (EN 1542)		



European Mortar Regulations

EC
UNE-EN-1504-2

Application Rules

TIME OF USE OF THE PASTE AND ADDITIONAL WATER

It is very important to mix both containers A+B completely, the product loses its properties if all component B is not mixed with component A. The use time of the mixture (A+B) is approximately 60' (minutes). Depending on the temperature and hygrometric degree.

COLORS

Gray and white.

DIRECTIONS FOR USE BRUSH APPLICATION:

- 1.- Pour Component "B" (1 part of liquid, 10Kg) into a clean container, and gradually add Component "A" (2 parts of solid, 20Kg). and mix with the help of a low revolution mechanical stirrer (300 to 500 r.p.m)
- 2.- Let it rest for about 5 minutes.
- 3.- Layer thickness of 1 mm. to 2 mm.
- 4.- It is spread with the help of a brush on vertical walls.
- 5.-Self-leveling for horizontal walls.
- 6.- An anti-alkali fiberglass mesh (4x4 mm light) or waterproof veil is embedded
- 7.- A metal trowel is passed over the smooth part.
- 8.- Consumption 1.7 kg. per m² and mm of thickness.(A + B)

INSTRUCTIONS FOR USE APPLICATION WITH TROWEL:

- 1.- Component "B" (1 part of liquid) is poured into a clean container, and Component "A" is added little by little. (2.5 parts solid). With the help of a low-speed mechanical stirrer (300 to 500 rpm), mix for 3 minutes.
- 2.- Let it rest for about 10 minutes.
- 3.- Layer thickness of 1 mm. to 2 mm.
- 4.- It is spread with the help of a 3 mm notched trowel.
- 5.-Self-leveling for horizontal walls.
- 6.- An anti-alkali fiberglass mesh (4x4 mm light) or waterproof veil is embedded.
- 7.- The metal trowel is passed again on the smooth part.
- 8.- Consumption 2 kg. per m² and mm of thickness.(A + B)

Applications

- Waterproofing of terraces.
- Swimming pools (before laying tiles and can be used as a high quality adhesive).
- Channels.
- Ground floors.
- Basements and garages.
- Deposits.
- Regularization of small thicknesses.

recommendations

- Use a 3 mm notched trowel on horizontal surfaces (to extend and level with the smooth edge of the trowel). Brush flat or short fiber roller for vertical surfaces or walls.
- It should be applied between 8° C and 30° C.
- Avoid application at low temperatures.
- On overheated or very absorbent walls, wet them first.
- Do not apply in dry winds.
- Do not apply when there is a risk of heavy rain.
- If applying on plaster or plaster partition, first apply with a roller an AGMA CH primer (1:1 water), put the mesh on the joints of the partitions, once dry apply the MR ELASTIC.
- In the stripping block, avoid all traces of release agent by washing them and cleaning the dust.
- On smooth concrete surfaces, apply an Agma CH primer (see Technical Data Sheet), prior to the mortar. -The structural joints (expansion joints) of the building must be respected.

NOTE : The Advice is given in good faith and is based on the results obtained from long experience and our laboratory tests. As the conditions of application are beyond our control, no responsibility can be accepted on our part for incorrect use of our product.