



***PROLASTIC
MEGA 230***
***Cement Acrylic Based
Dual Component Super Flexible
Waterproofing Product***

PRODUCT DESCRIPTION:

It is a two component, cement based, gray colored super elastic waterproofing mortar containing polymer emulsion, containing special chemicals and resistant to light pedestrian traffic.

FEATURES:

It has high elasticity.
 Crack bridging feature is at the highest level.
 Its adherence is strong.
 It adheres perfectly to mineral-based surfaces.
 It is resistant to freeze-thaw cycles.

PRODUCT INFORMATION:

Powder Component:

Chemical Base	Cement-based
Appearance / Color	Powder / Gray

Liquid Component:

Chemical Base	Acrylic based / Water based
Appearance / Color	Liquid / White
Dry Film Color	Transparent
Ph	5-7

PERFORMANCE:

(23°C, 50% RH)

Dry Bulk Density (powder component)	1650 ± 200 kg/m ³ TS EN 1015-10
Density (liquid component)	0.98-1.1 gr/cm ³
Crack bridging	≥ 1.2 mm TS EN 1062-7 (+23 °C)
Capillary water absorption	<0.1 kg/m ² h0.5 TS EN 1062-3
Adhesion to Concrete	≥ 0.5 MPa TS EN 1542

These values have been obtained as a result of laboratory experiments and are valid for the performance of the finished applications at the end of the full drying period. Since the temperature and humidity values in the construction site environment and the application surfaces and areas will vary, the values may change.



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USAGE AREAS:

On mineral surfaces such as concrete, plaster, screed as a surface
On balconies and terraces, under tiles in wet areas such as bathrooms, toilets and kitchens.
In water tanks On horizontal and vertical surfaces
It is used in waterproofing of structures above ground in waterproofing from the positive side.
It should not be applied in areas where water is observed from the negative side.

APPLICATION INSTRUCTIONS:

Application surfaces should be damp, dry surfaces should be moistened before application.
Surface; It should be cured and solid. It must be cleaned of residues such as oil, grease, dirt, paint, salt vomit that will prevent adhesion. PROREPAIR THIN or PROREPAIR if the surface is defective; If the application will be made in environments exposed to high sulphate such as sea water and sewage, it should be repaired with PROREPAIR PLUS at least 24 hours in advance. It is recommended to apply PROGEN PR before applying to very porous surfaces. It prevents salt vomit. Corners and joints should be turned with waterproofing bevel tape.

20 kg of powder component is poured slowly into 10 kg of liquid component and mixed with a low speed mixer until no lump remains. Absolutely no water should be added. Let the mortar rest for 3-5 minutes to mature. It is mixed again before starting the application.

Application Equipment:

Hand Mixer
Trowel
Brush & Roller

It is applied with a brush, trowel or suitable spray equipment. It should be applied to the surface in 2-3 layers. A waterproofing mesh should be applied between floors. The application of each layer should be done in a perpendicular direction to the previous one. Wait at least 12 hours between coats. Total layer thickness max. It should be 2-3 mm. Dusting of the intercoat surface should be prevented. Due to the expansion feature of the product, it is recommended to complete the process within 2-3 hours at the most in order to benefit from it at the highest level. In places with traffic load and in open areas, a protective layer such as screed and ceramic must be applied on it. Expired mortar should be disposed of.



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LIMITATIONS:

Please adhere to the application instructions to obtain optimum quality. The application should be done between +5 C and +30 C. It should not be applied in very high temperature, direct exposure to sunlight, very windy, rainy weather. It should not be applied on surfaces where there is a danger of frost. The product should be protected from rain, water, frost and adverse external factors until it cures (28 days).

CONSUMPTION:

Approximately 2.5-3 kg/m² for 2 coats.

PACKAGING:

Powder component: in 20 kg kraft bag
Liquid component: 10 kg bag drum

SHELF LIFE:

It is 1 year from the date of production in its original packaging in dry and non-humid (temperature between +5 C and +25 C) environments. When not in use, the lid of the packages should be tightly closed. It should be kept away from moisture.

STORAGE CONDITIONS:

It should be stored in its unopened original package, in a moisture-free, dry and cool (temperature between +5 C and +25 C) environment. It should not be left under direct sunlight.

SECURITY:

Since it is cement based, do not breathe the dust, use a mask. Avoid contact with skin and eyes. Use protective gloves, goggles and clothing. In case of eye contact, rinse with plenty of water and seek medical advice immediately. Keep out of reach of children. In case of skin contact, wash with plenty of water and soap. Do not swallow. For detailed information and recommendations, please refer to the Safety Data Sheet.

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