

RUSTIC MORTAR

The **RUSTIC Mortar** supplied by **AYMAR S.A.U.** It is a waterproof and colored mortar, made from cement, marble aggregates with a compensated grain size and special additives that give it optimal workability for manual application and greater permeability to water vapor.

Composition

Composed of crushed metamorphic limestone **aggregates** for use in construction, such as aggregates for concrete and mortars, **CEM I - 42.5R cement, calcium hydroxide, quenched hydrated aerial lime** and organic **additives** to improve mortar workability, reduce kneading water, increase cohesion, decrease exudation and prevent segregation.

Field of application

The **RUSTIC Mortar** has been designed to place, fill and grout natural stones, granites, brick walls, blocks, etc... Suitable for indoors and outdoors and ideal for renovation due to its high compatibility with traditional cement-based systems.

Instructions for use

- **Support preparation:** Clean and moisten the support prior to application.
The support must be fully set, resistant, consistent, clean of dust, paint, oil,.. etc.
- **Mixture preparation:** Always use clean and running water.
Add 4.25-4.5l. of kneading water per bag and mix manually or mechanically until a homogeneous dough is obtained and apply.
- **Application of the sample:** Spread the material over the joints, allowing the correct penetration of the product.
The application should be done evenly, to decrease the likelihood of tone. Once hardening has begun, proceed to brush the surface.

Recommendations for use

- Do not apply at low temperatures and high ambient humidity, with rain or with a risk of frost.
- The application temperature must be between 5°C and 30°C.
- Respect the proportion of water indicated in each kneading to avoid variations in color.
- To achieve a satisfactory finish, it is advisable to moisten the applied mortar several times, during the first two weeks from 24 hours after application.
- The addition of another material (additives, cement, etc.) can change the behavior and characteristics of the product.

Ambit	Characteristics	Value	Test Standard
Product	Normative designation	CR CSIII Wc2	EN 998-1
	Appearance	Stone	-
	Granulometry	0-2 mm	EN 1015-1
	Powder Density	1600 Kg/m3	EN 1015-10
	Bulk density of hardened mortar	2000 Kg/m3	EN 1015-10
Application	Kneading water	17.5-18%	-
	Useful life / workability	30 minutes	EN 1015-9
	Mixing Density	2000 Kg/m3	EN 1015-10
	Performance	1.8 Kg/m2 y mm thickness	
	Consistency	180 ± 10 mm	EN 1015-3
Technical Characteristics	Compressive Strength	3,5 a 7,5 N/mm2	EN 1015-11
	Adhesion on concrete support	> 0,30 N/mm2 (type a/b)	EN 1015-12
	Air content	10%	EN 1015-7
	Initial shear strength	0.15 N/mm2	
	Chloride content	< 0.01%	EN 1015-17
	Water absorption by capillarity	< 0,2Kg/(m2·min0.5)	EN 1015-18
	Permeability	Potassium Nitrate Reagent < μ=20 Lithium Chloride Reagent < μ=20	EN 1015-19
	Thermal Conductivity	λ10,dry= 0,30 W/mK	EN 1745 (tabulated value)
	Water vapor diffusion coefficient	μ=5/20	EN 1745 (tabulated value)
	Reaction to Fire	Clase A1	EN 998-1
Presentation	Paper bags of approx. 25 Kg. Store for a maximum of 12 months from the date of manufacture in the original closed container, in a covered, dry and ventilated place.		

MADE IN SPAIN

For safety precautions in the use, storage and disposal of the product, please refer to the Safety Data Sheet available on the website www.aymarsa.es

NOTE: The information contained in this technical sheet is based on our experience and tests carried out in specialized laboratories. The characteristics of the resulting product will depend on the correct preparation and application on site by the user. If these conditions are not met, the characteristics indicated above will not be achieved.


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