

RUSTIC MORTAR

The rustic mortar supplied by AYMAR S.A.U. is a colorful and impermeable mortar, composed of cement, marble arids with balanced particle size and special additives that give it optimal functionality for manual application and greater permeability to water vapor.

Composition

Compounded by crushed metamorphic limestone arids intended for construction, such as concrete arids and mortars (IN 12620 and 13139), CEM I cement - 42, 5R cement (IN 197-1 and UNE 80505), calcium hydroxide, dull hydrated aerial lime (IN 459-1) and organic additives to improve mortar maneuverability, reduce greenhouse gas emissions. additives to improve mortar maneuverability, reduce mixing water, increase cohesion, reduce exudation, and prevent segregation (IN 934-1).

Application field

The RUSTIC mortar has been designed for the placement, filling and reassembling of natural stones, granite, brick walls, blocks, etc. Appropriate for internal and external use and ideal for renovation thanks to its high compatibility with traditional cement-based systems. It is suitable for interiors and exteriors and is ideal for renovation due to its high compatibility with traditional cement-based systems.

Usage instructions

- **Media preparation:** Clean and moisten media before application.
The substrate must be fully healed, resistant, homogeneous, dust-free, paint, oil, etc.
- **Blend preparation:** always use clean water and running.
Add 4.25-4.5l. mix water by bag and mix manually or mechanically until you get a homogeneous mass and apply it.
Sample application: Extend the material over the joints, allowing the product to penetrate well.
- The application must be done uniformly, in order to reduce the probability of shadows.
Once hardening begins, proceed to brush the surface.

Usage Recommendations

- Do not apply at low temperatures and high humidity, when it rains or when there is a risk of frost.
- Application temperature must be between 5 iC and 30 .C.
- Respect the proportion of water indicated in each mix to avoid color variations.
To achieve a satisfactory finish, it is advisable to humid the applied mortar several times during the first two weeks from 24 hours after the application.
- The addition of other materials (additives, cement, etc.) can change the behaviour and characteristics of the product.

Technical data

Application field	Features	Value	Test rule
Product	Standard designation	CR CSIII Wc2	EN 998-1
	Appears	Stone	-
	Granulometry	0-2 mm	EN 1015-1
	Dust density	1600 Kg/m ³	EN 1015-10
	Apparent mortar density hardened	Kg/m ³	EN 1015-10
Application	Blendwater	17.5-18%	-
	Lifetime / Workability	30 minuts	EN 1015-9
	Blending Density	2000 Kg/m ³	
	Performance	1,8 Kg/m ² and mm thick	
	Consistency	180 ± 10 mm	EN 1015-3
Functional characteristics	Compression resistance	3.5 a 7.5 N/mm ²	EN 1015-11
	Accession on concrete support	> 0,30 N/mm ² (class b)	EN 1015-12
	Air content	10%	EN 1015-7
	Initial shear resistance	0.15 N/mm ²	EN 998-2 (tab value)
	Chloride content	< 0.01%	EN 1015-17
	Water absorpction by capillary	< 0.2 Kg/(m ² ·min ^{0.5})	EN 1015-18
	Permeability	Potassium nitrate reagent < μ=20 Reactive lithium chloride < μ=20	EN 1015-19
	Thermal conductivity	λ _{10,dry} = 0,30 W/mK	EN 1745 (tab value)
	Water vapor diffusion coefficient	μ=5/20	EN 1745 (tab value)
	Reaction to fire	Class A1	EN 998-2
Presentation	Paper bags of about 25 Kg. Store, at most 12 months from the date of manufacture, in the original closed packaging, in a covered, dry and ventilated place.		

For security instructions on product usage, storage, and removal, see the available security data sheet on the website www.aymarsa.es.

NOTE: The information on this technical file is based on our experience and tests in specialised laboratories. The characteristics of the resulting product will depend on the user's preparation and correct application on the site. If these conditions are not met, previous characteristics will not be achieved.



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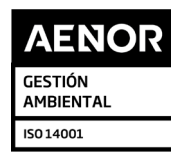
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