

MORTAR M15

The M15 grey dry mortar that supplies AYMAR S.A.U. is an industrial mortar made from marble arids and special additives that give it optimal docility, traballability and adherence, for use in palette work.

Composition

Composed of white crushed marble arids for use in construction, such as concrete arids and mortars (IN 12620 and 13139), cement CEM I - 42, 5R (IN 197-1 and UNEIX 80305), and organic additives to improve mortar traballability, reduce pasture water, increase cohesion, decrease exudation and prevent segregation.

Application field

The Sec Gray M15 mortar is multi-use. It is used for plastering, erecting walls, loading walls, traditional masonry with bricks and tiles, terraces, prefabricated concrete and thermo clay, filling and coatings.

Usage instructions

- Media preparation: Clean and moisten media before application.
The support must be fully forged, strong, consistent, clean of dust, paint, oil, ...etc.
- Mix preparation: Always use running water, clean.
Add 3.75–4 l. of sack pasting water and mix manually or mechanically until a homogeneous mass is obtained and applied.

Usage recomendations

- Do not apply at low temperatures and high ambient humidity, with rain or with the risk of frost. The application temperature must be between 5 CC and 30 .C.
- Do not apply on gypsum or in combination of easily daggregatable pieces.
- Not recommended for machine projecting.
- To achieve a satisfactory finish it is advisable to humid multiple times the applied mortar, for the first two weeks from 24 hours after its application.
The addition of another material (additives, cement, etc.) can change the behaviour and characteristics of the product.

Technical data

Area	Features	Value	Test rule
Product	Standard designation	M15	EN 998-2
	Appears	Gris	-
	Granulometry	0-2 mm	EN 1015-1
	Dust density	1800 Kg/m ³	EN 1015-10
	Apparent mortar density hardened	1800 - 2000 Kg/m ³	EN 1015-10
Application	Mixing Water	15 - 16%	-
	Lifetime / Workability	80 minuts	EN 1015-9
	Blending Density	2100 Kg/m ³	EN 1015-10
	Performance	1,9 Kg/m ² mm thick	
	Consistency	175 ± 10 mm	EN 1015-3
Technical Features	Compression resistance	≥15 N/mm ²	EN 1015-11
	Inflection resistance	3 N/mm ²	EN 1015-11
	Initial shear resistance	0.15 N/mm ²	EN 998-2 (classified value)
	Air content	6%	EN 1015-7
	Chloride content	< 0,1%	EN 1015-17
	Water absorption by capillary	< 2 Kg/(m ² ·min ^{0.5})	EN 1015-18
	Thermal conductivity	$\lambda_{10,dry} = 0,96$ W/mK	EN 1745 (valor tabulat)
	Water vapor diffusion coefficient	$\mu=15/35$	EN 1745 (valor tabulat)
	Fire reaction	Class A1	EN 998-2
Presentation	Approx. 25 kg paper bags. Store for a maximum of 12 months from the date of manufacture, in the original closed container, in a covered, dry and ventilated place.		

To find out about occupational safety precautions, storage and disposal of the product, see the Security Data Card available on the website www.aymarsa.es

NOTE: The information contained in this technical sheet is based on our experience and on trials 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 above characteristics will not be achieved.



Head office and factory
 Ctra. C-35, Km 58 · Ap. correus nº1
 08470 SANT CELONI (Barcelona)

Tel. (+34) 93 867 00 00
aymar@aymarsa.es
www.aymarsa.es

