

MORTAR M7,5

The M7.5 grey dry mortar supplied by AYMAR S.A. is an industrial mortar made from marble arids, selected silica sands and special additives that give it optimal workability, manpower and adherence, docility, workability and adherence, for common use in palette work, especially for a good overlay finish.

Composition

Compounded by white trimmed marble arids for construction, arids for concrete and mortars (IN 12620 and 13139), cement CEM I - 42, 5R (IN 197-1 and UNE 80601) and organic additives to improve mortar workability, reduce water mixing, increase cohesion, reduce exudation and prevent segregation.

Application field

The gray dry mortar M7.5H is versatile. It is used for plastering, construction of walls, loading walls, traditional brick and tile masonry, earthworks, prefabricated concrete and thermal, filling and coating.

Usage instructions

- Prepare support: clear and moisten support before application.
Support must be perfectly fixed, strong, consistent, dust-free, paint, oil, etc.
- Blending Preparation: Always use clean running water.
Add 3.75–4 l. of water grazing by bag and mixing manually (battery) or using the projecting machine until a homogeneous mass is obtained and applied.

Usage recommendations

- Do not apply at low temperatures and high humidity, with rain or at risk of frost. Application temperature must be between 5 °C and 30 °C.
- Do not apply on plasters or joins of easily disintegrable pieces.
- It is not recommended to project with a machine.
- To achieve a satisfactory finish, it is advisable to wet the mortar applied several times during the first two weeks from 24 hours after the application.
- The addition of another material (additives, cement, etc.) can change the behaviour and characteristics of the product.

Technical data

Application field	Features	Value	Test rule
Product	Standard designation	M7,5 CSIV Wc0	EN 998-2 EN 998-1
	Appearance	Gris	-
	Granulometry	0-2 mm	EN 1015-1
	Dust density	1800-2000 Kg/m ³	EN 1015-10
	Hard mortar density	2000 Kg/m ³	EN 1015-10
Application	Mixing Water	15-16%	-
	Lifetime / Workability	75 minuts	EN 1015-9
	Blending density	2100 Kg/m ³	EN 1015-10
	Performance	1,9 Kg/m ² y mm thickness	
	Consistency	175 ± 10 mm	EN 1015-3
Technical features	Compression resistance	≥7,5 N/mm ²	EN 1015-11
	Bending resistance	2,5 N/mm ²	EN 1015-11
	Accession on concrete support	> 0,35 N/mm ² (class b)	EN 1015-12
	Air content	6%	EN 1015-7
	Initial shear resistance	0.15 N/mm ²	EN 998-2 (classified value)
	Chloride content	< 0.01%	EN 1015-17
	Water absorption by capillary	< 1,3 Kg/(m ² ·min ^{0.5})	EN 1015-18
	Permeability	Potassium nitrate reagent < μ=15 Reactive lithium chloride < μ=15	EN 1015-19
	Thermal conductivity	λ _{10,dry} = 0,96 W/mK	EN 1745 (classified value)
	Water vapor diffusion coefficient	μ=15/35	EN 1745 (classified value)
	Fire reaction	Class A1	EN 998-2
Presentation	Paper pieces 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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