

GRAY MORTAR M7,5H

The Sec Gray Mortar M7.5H supplied by AYMAR S.A. is an industrial mortar manufactured from marble arids and special additives that reduce the absorption and permeability of water and confer it workability, workability and optimal resistance. Commonly used masonry mortar.

Composition

Compounded by crushed arids of white marble intended for use in construction, such as concrete arids and mortars (IN 12620 and 13139), CEM I cement - 42, 5R cement (IN 197-1 and UNE 80601), and organic additives to improve mortar workability, reduce mixing water, increase cohesion, reduce exudation, prevent segregation and minimize water absorption by capillaries of the coated mortar.

Application Field

The Grey M7.5H dry mortar is a versatile mortar. It is used for plasters, building walls, loading walls, traditional masonry walls with bricks and tiles, terrace, prefabricated concrete and thermo-argilous tiles, terrace, prefabricated concrete and thermo-clay, 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. The application temperature must be between 5 °C and 30 °C.
- Do not apply on plaster or joints of easily disintegrable pieces.
- It is not recommended to project with 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 application.
- The addition of another material (additives, cement, etc.) can change the behavior and characteristics of the product.

Technical data

Application field	Features	Value	Test rule
Product	Standard designation	M7,5 CSIV Wc2	EN 998-2 EN 998-1
	Application	Gray	-
	Technical features	0-2 mm	EN 1015-1
	Presentation	1800-2000 Kg/m ³	
	Apparent mortar density hardened	2000 Kg/m ³	EN 1015-10
Application	Mixing Water	15-16%	-
	Living/Working Time	180 minuts	EN 1015-9
	Blending density	2100 Kg/m ³	
	Performance	1,9 Kg/m ² y mm thick	
	Consistency	185 ± 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	< 0.2 Kg/(m ² ·min ^{0.5})	EN 1015-18
	Permeability	Potasis 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 record 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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