

TECHNICAL SHEET	MASONRY MORTAR	 EN 998-2 EN 998-1	Designation according to the standard M7,5 CSIV Wc2
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Revision: 03.01-04/10/204

WHITE MORTAR M7,5H

The **White Dry Mortar M7.5H** supplied by **AYMAR S.A.U.** It is an industrial mortar made with marble aggregates and special additives that reduce water absorption and permeability and give it optimal docility, workability and adhesion, for common use in masonry.

Composition

Composed of crushed white marble **aggregates** for use in construction, **cement** and organic **additives** to improve mortar workability, reduce mixing water, increase cohesion, decrease exudation, prevent segregation and minimize water absorption by capillaries of the plastered mortar.

Field of application

The **White Dry Mortar M7.5H** is multipurpose. It is used for plastering, building walls, load-bearing walls, traditional masonry with bricks and tiles, terrazzo, prefabricated concrete and thermos clay, filling and screeding.

Instructions for use

- **Substrate preparation:** Clean and moisten the substrates before application. The support must be fully set, resistant, consistent, clean of dust, paint, oil, etc.
- **Preparation of the mixture:** always use clean, running water.
Add 3.75-4 l. of kneading water per bag and mix manually (mixer) or by the spraying machine until a homogeneous dough is obtained and apply.

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.
- Do not apply on plasters or in conjunction with easily disintegrating pieces. Not recommended for machine design.
- 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	M7,5 CSIV Wc2	EN 998-2 EN 998-1
	Appearance	Grey	-
	Granulometry	0-2 mm	EN 1015-1
	Powder Density	1800-2000 Kg/m3	
	Bulk density of hardened mortar	2000 Kg/m3	EN 1015-10
Application	Kneading water	15-16%	-
	Useful life / workability	180 minutes	EN 1015-9
	Mixing Density	2100 Kg/m3	
	Performance	1.9 Kg/m2 and mm thick	
	Consistency	185 ± 10 mm	EN 1015-3
Technical characteristics	Compressive Strength	≥7.5 N/mm2	EN 1015-11
	Flexural Strength	2,5 N/mm2	EN 1015-11
	Adhesion on concrete support	> 0,35 N/mm2 (type b)	EN 1015-12
	Initial shear resistance	0.15 N/mm2	EN 998-2 (tabulated value)
	Air content	6%	EN 1015-7
	Contenido en cloruros	< 0.01%	EN 1015-17
	Water absorption by capital	< 0.2 Kg/(m2·min0.5)	EN 1015-18
	Permeability	Potassium Nitrate Reagent < μ=15 Lithium Chloride Reagent < μ=15	EN 1015-19
	Thermal Conductivity	λ10,dry= 0,96 W/mK	EN 1745 (tabulated value)
	Water vapour diffusion coefficient	μ=15/35	EN 1745 (tabulated value)
	Reaction to Fire	Class A1	EN 998-2
	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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