

SILICEUS MORTAR M7,5

The grey siliceous dry mortar M7.5 which supplies AYMAR S.A.U is an industrial mortar made from marble arids, selected silky sands and special additives that give it optimal docility, traballability adherence, for current use in palette work, special for a good finish in coatings

Composition

Composed of white crushed marble arids for use in construction, such as concrete arids and mortars (IN 12620 and 13139), CEM cement I - 42, 5R (IN 197-1 and UNE 80601), and organic additives to improve mortar traballability, reduce pasture water, increase cohesion, decrease exudation and prevent segregation.

Application field

The grey siliceus dry M7.5 mortar is multi-use. It is used for plastering, erecting walls, loading walls, traditional masonry with bricks and tiles, terraces, prefabricated concrete and clay thermo, filled and coated.

Usage instructions

- Media preparation: clean and moisten media before application.
The support must be fully forged, strong, consistent, clean of dust, paint, oil, ...etc.
- Mixing preparation: always use running water, clean.
Add 3.75–4 l. of sack pasting water and mix manual (battery) or via the projecting machine to a homogeneous mass and apply.

Usage recommendation

- 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 °C and 30 °C.
- Do not apply on gypsums 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

Field	Features	Value	Test rule
Product	Standard designation	M7,5 CSIV W0	EN 998-2 EN 998-1
	Appears	Grey	-
	Granulometry	0-2 mm	EN 1015-1
	Dust density	1800 Kg/m ³	EN 1015-10
	Apparent mortar density hardened	2000 Kg/m ³	EN 1015-10
Application	Amassat Water	15-15.5%	-
	Lifetime / Workability	90 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	≥7.5 N/mm ²	EN 1015-11
	Inflection resistance	2,5 N/mm ²	EN 1015-11
	Support for concrete	> 0,3 N/mm ² (class b)	EN 1015-12
	Initial shear resistance	0.15 N/mm ²	EN 998-2 (classified value)
	Air content	7%	EN 1015-7
	Chloride content	< 0.01%	EN 1015-17
	Water absorption by capillary	< 1,9 Kg/(m ² .min ^{0.5})	EN 1015-18
	Permeability	Reactive Potasic Nitrate < μ=15 Reactive Lithium Chloride < μ=15	EN 1015-19
	Thermal conductivity	λ _{10,dry} = 0,83 W/mK	EN 1745 (classified value)
	Water vapor diffusion coefficient	μ=15/35	EN 1745 (classified value)
	Fire reaction	Classe A1	EN 998-2
Presentation	25 Kg paper bags. Approximate. Store, a maximum of 12 months from the date of manufacture, on the original packaging closed, instead covered, dry and ventilated.		

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 experiments carried out in specialised laboratories. The characteristics of the resulting product will depend on the user's correct preparation and application. If these conditions are not met, the above-mentioned features will not be achieved.



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