

MORTAR M5

The Morter Sec M5 Gris supplied by AYMAR S.A. is an industrial mortar manufactured with sands and special additives that give it an optimal workability, workability and adhesion. Mortar of common use.

Composition

Compost for crushed white briar aggregates intended for construction, such as aggregates for formite and mortar (EN 12620 and EN 13139), cement EMC I - 42, 5R (EN 197-1 and EN 13139), cement EMC I - 42, 5R (EN 197-1 and EN 13139), EMC cement I - 42, 5R (EN 197-1 and UNE 80601), and organic additives to improve the workability of the mortar, reduce the water in the slurry, increase cohesion, reduce exsudation and avoid segregation.

Application field

Seco Gris M5 is a versatile mortar. It is used for masonry, construction walls, concrete walls, traditional masonry with stones and slabs, terracotta, prefabricated concrete and thermal mortar, brickwork and walls, terrazzo, thermo-agglomerate, earthworks and load-bearing.

Usage mode

- Media preparation: Clean and moisten media before application.
The substrate must be fully healed, resistant, homogeneous, dust-free, paint, oil, etc.
- Blend preparation: always use clean water and running.
Add 3.75–4 l. of mixing water by bag and mixing manually (battery) or with a sprayer until a homogeneous mass is obtained and applied.

Usage recommendations

- Do not apply at low temperatures and high humidity, in rainy times or when there is a risk of frost. Application temperature must be between 5 °C and 30 °C between 5 °C and 30 °C.
- Do not apply plaster even together between easily disintegrable parts.
- Not recommended for machine spraying.
- To achieve a satisfactory finish, it is advisable to humid the applied mortar several times during the first two weeks from 24 hours after the application.
- The addition of other materials (additives, cement, etc.) can change the behaviour and characteristics of the product.

Technical data

Field	Features	Value	Test rule
Product	Regulatory designation	M5 CSIII W0	EN 998-2 EN 998-1
	Appearance	Gray	-
	Granulometry	0-2 mm	EN 1015-1
	Dust density	1800-2000 Kg/m ³	EN 1015-10
	Apparent mortar density hardened	2000 Kg/m ³	EN 1015-10
Application	Water Pasta	15-16%	-
	Conservation duration / job fit	75 minuts	EN 1015-9
	Blending density	2100 Kg/m ³	EN 1015-10
	Performance	1,9 Kg/m ² and mm thickness	
	Consistency	185 ± 10 mm	EN 1015-3
Technical features	Compression resistance	≥5 N/mm ²	EN 1015-11
	Bending resistance	1,5 N/mm ²	EN 1015-11
	Accession on concrete substratums	> 0,25 N/mm ² (class b)	EN 1015-12
	Initial shear strength	0.15 N/mm ²	EN 998-2 (tab value)
	Air content	6%	EN 1015-7
	Chloride content	< 0.01%	EN 1015-17
	Water absorption by capillary	< 1,1 Kg/(m ² ·min ^{0.5})	EN 1015-18
	Permeability	Potasic nitrate reagent < μ=14 Reactive Lithium Chloride < μ=14	EN 1015-19
	Thermal conductivity	λ _{10,dry} = 0,96 W/mK	EN 1745 (tab value)
	Water vapor diffusion coefficient	μ=15/35	EN 1745 (tab value)
	Fire reaction	Class A1	EN 998-2
Presentation	Approximately 25 kg paper bag. Store no more than 12 months after the manufacturing date in the original closed packaging in a covered, dry and ventilated place.		

For security precautions regarding use, storage, and product removal, see the available security dataset on the website www.aymarsa.es

NOTE: The information contained in this technical sheet is based on our experience and on tests carried out in specialised laboratories. The characteristics of the resulting product will depend on the user's correct preparation and application on the site. If these conditions are not met, the above characteristics will not be achieved.



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