TECHNICAL SHEET	MORTAR FOR PLASTER AND RENDERING	CE EN 998-1	Designation according to the standard **GP-CSIV-Wc2**

Revision: 01-10/07/2025

REVEMAR PLASTER M16 HIGH RESISTANCE

The **REVEMAR PLASTER M16 HIGH RESISTANCE** mortar supplied by **AYMAR S.A.U.** It is an industrial mortar made from cement, lime, marble aggregates and special additives that give it good waterproofing and breathability, it can be applied manually or with a spraying machine.

Composition

Composed of crushed marble **aggregates** for use in construction**, cement, calcium hydroxide, quenched hydrated aerial lime and** organic and inorganic **additives** to improve the workability and properties of the mortar.

Scope of application

The REVEMAR PLASTER M16 HIGH RESISTANCE mortar has been designed for the realization of plasters and plasters in interiors and exteriors. Ideal on concrete blocks and plaster. Especially suitable for both new construction and for the rehabilitation of old buildings where high surface resistance is required.
Product valid for the formation of non-load bearing PN panels with an EPS reinforced core and that can be applied on EPS support.

Instructions for use

- **Support preparation:** Clean and moisten the substrates before application. The support must be fully set, resistant, consistent, clean of dust, paint, oil, etc.
- **Mixture preparation:** Add plain and clean water, knead for 2 minutes, let it rest for about 3 minutes and knead again until you get a homogeneous paste free of lumps.
- **Sample application:** spread the product with a trowel or machine on the support and smooth it. Wait 1 to 3 hours before troweling the material.

  Make two layers if it is projected directly on the brick enclosure.

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 5ºC and 30ºC.
- At the joints between supports of different natures and singular points, reinforce the mortar with fiberglass mesh, treated anti-alkali.
- Delimit the work area by means of beads.
- The addition of another material (additives, cement, etc.) can change the behavior and characteristics of the product.
- In the case of applying on concrete support or on a non-absorbent support, a prior application of an adhesion bridge is recommended.

Technical data

Ambit	Feature	Value	Test Standard
Product	Normative designation	GP CSIV Wc2	EN 998-1
	Appearance	White/Grey	-
	Granulometry	0-1.6 mm	EN 1015-1
	Powder Density	1,70 ± 0,1 g/cm^3	EN 1015-10
Application	Kneading water	16%	-
	Lifetime / workability	30 minutes	EN 1015-9
	Initial setting time	7 hours	
	Final Setting Time	10 hours	
	Mixing Density	1,96 ± 0,1 g/cm^3	EN 1015-10
	Apparent density of dry hardened mortar	1,71 g/cm^3± 0,1 g/cm^3	EN 1015-10
	Maximum layer thickness	Up to 1.5 cm per layer (maximum of the covers)	
	Performance	18 ± 1 Kg/m^2 per-cm	
	Consistency	160 ± 10 mm	EN 1015-3
Specifications	Compressive Strength	>= 16 N/mm^2	EN 1015-11
	Adhesion to concrete support	> 0,40 N/mm2 (a/b Type)	EN 1015-12
	Water absorption by capillarity	< 0.20Kg/(m^2·min$^{0.5}$)	EN 1015-18
	Air content	15%	EN 1015-7
	Permeability	Potassium Nitrate Reagent < μ=10 Lithium Chloride Reagent < μ=10	EN 1015-19
	Thermal Conductivity	$\lambda_{10,dry}$ = 0,.71 W/mK	EN 1745 (tabulated value)
	Water vapor diffusion coefficient	μ=15/35	EN 1745 (tabulated value)
	Reaction to Fire	Class A1	EN 998-1
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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AENOR GESTIÓN DE LA CALIDAD ISO 9001 ER-1277/2010
AENOR SEGURIDAD Y SALUD EN EL TRABAJO ISO 45001 SST-006/2018
AENOR GESTIÓN AMBIENTAL ISO 14001 GA-2010/0955 Mina "XAUXA"
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