

# REVEMAR

## RENDER THIN LAYER

The **REVEMAR RENDER THIN LAYER** mortar supplied by **AYMAR, S.A.U.** is an industrial mortar composed of cement aggregates, lime, marble and special additives that give it good impermeability and breathability.

It can be applied manually or by using a spraying machine.

### Composition

It is composed of crushed metamorphic limestone **aggregates** intended for construction, such as concrete aggregates and **mortars CEM I cement 42, 5R cement, calcium hydroxide, dull hydrated aerial lime** and organic **additives** to improve compression resistance.

### Application field

The **REVEMAR Render thin layer** mortar has been designed for realization and finishes of coatings indoors and outdoors. It is ideal for concrete and plaster supports. Especially indicated for a smooth finish with a palette.

### Instructions for use

- **Preparing the support:** Clean and moisten media before application.  
The substrate must be fully healed, resistant, homogeneous, dust-free, paint, oil, etc.
- **Preparation of the mixture:** Always use clean water and run. Let the mass rest for about 3 minutes so that the components hydrate and the mass hydrate and function properly and remix.  
Add 6-6.25l. mix water by bag and mix manually or mechanically until you get a homogeneous mass and apply the product.
- **Sample application:** extend the product with a palette or machine over the media and smooth it. Please wait 1–3 hours before applying the material with a palette.

### Recommendations for use

- Do not apply at low temperatures and high humidity, when it rains or when there is a risk of frost.
- Application temperature must be between 5 iC and 30 .C.
- At the joints between substrates of different nature and singular points, reinforce the mortar with a fiberglass mesh, treated against alkalis.  
Delimit the workspace with accounts.
- The addition of other materials (additives, cement, etc.) can change the behaviour and characteristics of the product.
- In the case of application on concrete or non-absorbing substrates, the prior application of an adhesion bridge is recommended. An accession bridge is recommended.

## Technical data

Field	Functionality	Value	Test rule
Product	Regulatory designation	GP CSIII Wc2	EN 998-1
	Appearance	Gray/White	-
	Granulometry	0-0.8 mm	EN 1015-1
	Dust density	1000-1500 Kg/cm <sup>3</sup>	EN 1015-10
	Thickness	Thickness minim of 0.5 cm, in two layers of 1 cm	
Application	Water Pasta	25%	-
	Conservation/Workability Time	30 minuts	EN 1015-9
	Initial adjustment time	8 hours	
	End Time	12 hours	
	Blending Density	2000 Kg/m <sup>3</sup>	EN 1015-10
	Hard mortar density	1200 Kg/m <sup>3</sup>	EN 1015-10
	Maximum layer thickness	7 mm	
	Performance	1.8 Kg/m <sup>2</sup> y mm thick	
	Matching	170 ± 10 mm	EN 1015-3
Technical features	Compression resistance	3,5 a 7,5 N/mm <sup>2</sup>	EN 1015-11
	Accession on concrete floors	> 0,40 N/mm <sup>2</sup> (type a/b)	EN 1015-12
	Absorption	> 0.20Kg/(m <sup>2</sup> · min0.5)	EN 1015-18
	Air content	15%	EN 1015-7
	Permeability	Potassium nitrate reagent $\mu=10$ Lithium Chloride reagent $\mu=10$	EN 1015-19
	Thermal conductivity	$\lambda_{10, dry} = 0,37$ W/mK	EN 1745 (tab value)
	Water vapor diffusion coefficient	$\mu=5/20$	EN 1745 (tab value)
	Reaction to fire	Classe A1	EN 998-1
Presentation	Paper bags of about 25 kg, Preserve for a maximum of 12 months from the date of manufacture in the original closed packaging in a covered, dry and ventilated place.		

## MADE IN SPAIN

For security instructions on product usage, storage, and removal, see the available security data sheet on the website [www.aymarsa.es](http://www.aymarsa.es)

**NOTE:** The information on this technical file is based on our experience and tests in specialized 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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