

# REVEMAR RENDER THIN LAYER

The REVEMAR RENDER THIN LAYER mortar supplied by AYMAR SAU is an industrial mortar composed of cement arids, lime, marble and special additives that give it good impermeability and transpirability.

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

## Composition:

It is composed of crushed metamorphic limestone arids intended for construction, such as concrete arids and mortars (IN 12620), CEM I cement 42, 5R cement (IN 197-1 and UNE 80601), calcium hydroxide, dull hydrated aerial lime (IN 459-1) 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 about concrete and plaster supports. Especially indicated for a smooth finish with a palette.

## Usage instructions:

- **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. 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.

## Usage Recommendations

- 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 °C 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 adhesion 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 μ=10 Lithium clorur reagent μ=10	EN 1015-19
	Thermal conductivity	λ <sub>10,dry</sub> = 0,37 W/mK	EN 1745 (tab value)
	Water vapor diffusion coefficient	μ=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.		

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 specialised 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.



Head office and factory  
Ctra. C-35, Km 58 · Ap. correus nº1  
08470 SANT CELONI (Barcelona)

Tel. (+34) 93 867 00 00

aymar@aymarsa.es  
[www.aymarsa.es](http://www.aymarsa.es)



SGM-001/2009



ER-1277/2010



SST-006/2018



GA-2010/0955  
Mina "XALUXA"



Gestión ambiental verificada  
REG.NO. ES-CAT-00046  
Mina "Xaluxa"