

GN 30

SPRAYED MORTAR FOR MASONRY REINFORCEMENT

The solution for reconstruction and bracing of structural elements

Description:	Single component ready mortar, based on Portland grey cement, aggregates of various grain-sizes, various chemical additives and fibres. It does not contain lime.
Usages :	Use in cases where brickwork needs significant reinforcement (e.g. old brick- and stone-walls, etc.). In cases of dislocated masonry combined with metal mesh. Also use as high-strength mortar in structures with 3D grating, before applying the plaster, as well as on substrates of bricks, cement blocks, aerated concrete (e.g. YTONG), concrete, stone, etc.
Advantages:	 High strength • Excellent adhesion • Moisture- and frost-proof • Prevents cracking • Excellent final surface • Indoor and outdoor use • Easy to apply • Excellent workability • Fast to prepare • Stable quality
Packaging /distribution :	 Bags of 30 kg. Palette of 1620 kg, 54 paper bags of 30 kg.
Storage:	12 months from the date of production in unopened package, in a dry place.
Safety precautions :	This product contains cement and reacts as alkaline with moisture, so it is classified as irritant. It must be used with care according to the instructions for use. In order to avoid any injuries due to alkalis of the cement, wear gloves, protective glasses and avoid breathing the dust. Please consult the SDS of the product.
Specifications :	EN 998-1 (GP/CSIV/W _c 1)



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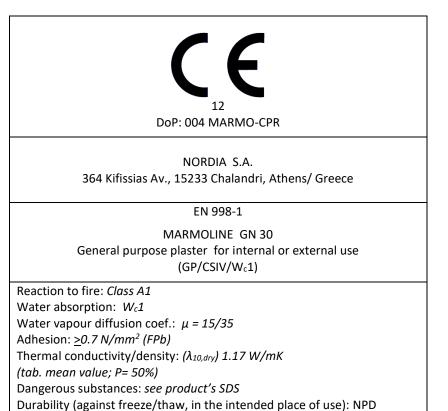
ADVANCED BUILDING MATERIALS



TECHNICAL DATA:

Form:	Grey powder
Grading :	0-4 mm
Specific gravity of dry mortar:	1700 Kg/m³
Specific gravity of wet mortar:	2200 Kg/m³
Compressive strength in 28 days:	30 MPa (Category CSIV) EN 1015-11
Flexural strength in 28 days:	5 MPa.

EN 1015-11



NORDIA S.A.

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APPLICATION:

Mixing ratio:	3.5 - 4 It of water /bag of 30 kg
Consumption:	Approx 20 kg of dry mortar per m ² for 1 cm of thickness
Application mode:	 Check and prepare the application surface
	 Make sure that the surface is clean and free of loose material
	• To prepare, simply add water
	 For better results, it is recommended to use a sprayed concrete pump (Gunite pump) or other special pump.
	 Apply in successive coats up to 2 - 2.5 cm thick per coat
	 The wet mortar must be distributed uniformly over the wall and must be fixed with special laths
	 In case of high temperatures during application, the wet mortar must be protected against quick drying and remain wet
	 The wet incident material that piles up on the floor must not be used again.
	• Continue with the subsequent coats of MARMOLINE plaster (SV2, SV3, SV100, SV010), once the previous coat of GN 30 is well dry and in any case after 20 - 30 days, depending on the season
	ATTENTION:
	 The content of the bag should be protected from humidity
	 Do not add excessive amounts of water because this can reduce the product's strength and cause cracks
	 Do not mix the mortar for too long and use while it is still fresh
	 Not recommended for use in extreme weather conditions (frost or heatwave). Application temperature +5°C to +35°C
	The above application guidelines are indicative, for the correct use of the product. For more technical details please contact the company's technical department.

We guarantee the quality of all our products, on the basis of their technical specifications, as described in the Declaration of Performance (CE) and this technical data sheet. Such guarantee refers only to the products that we deliver for use and never to its application or final result, which largely depend on the experience and quality of work of each user and on the application conditions. The user is advised to test the product on a small scale, and if he is satisfied with the result, then to use the product on large scale in his project. This edition of technical data sheet automatically cancels any previous version



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