

TECHNICAL SHEET	MARBLE CRUSHED	 UNE-EN 13139 UNE-EN 12620	Designation according to standard UNE 146901 AG-4/12-T-C
-----------------	----------------	---	--

Revision: 01.1- 02/08/22

Granomar® 4/12

The marble crushed **Granomar® 4/12** supplied by **AYMAR S.A.U.** is a coarse aggregate, less than 12mm in size, crushed from marble, a metamorphic rock made up of calcium and magnesium carbonates (calcites and dolomites).

Field of application

Suitable as aggregate in concrete in construction and for use in terrazzo, coatings, sports flooring and decoration.

Geometric characteristics

Product	Size (EN 13139)	Granulometry (EN 12620) Sieve opening (mm) - % Passing through						Particle size distribution (EN 12620)	Fine Category (EN 933-10)
		16mm	12,5mm	8mm	4mm	2mm	0,063mm		
Granomar® 4/12	4/12	100	90-99,9	25/55	0-15	0-5	0-1,5	GC90/15 - GT15	f1,5

Physical and chemical characteristics

Particle density	EN 1097-6	Mg/m ³	2,8
Particle shape. Slab Index	EN 933-3	Categ. FI	FI ₁₅
Fragmentation resistance. Coefficient of Los Angeles	EN 1097-2	Categ. LA	LA ₃₀
Wear resistance. Micro-Deval Coefficient	EN 1097-8	Categ. M _{DE}	NPD
Polishing resistance. Accelerated Polishing Coefficient	EN 1097-8	Categ. CPA	CPA ₄₄
Fines quality. Sand equivalent (SE)	EN 933-8	SE	>90
Quality of fines. Methylene blue (MB)	EN 933-9	MB (g Blue /Kg)	1,33
Chloride content	EN 1744-1/7	Cl	<0,01
Sulfate content	EN 1744-1/12	AS Category	AS0 ₂
Sulfur compound content	EN 1744-1/11	% S	<0,1
Light organic pollutants	EN 1744-1/14.2	% m _{1pc}	0,00
Determination of Humus content (Sodium Hydroxide)	EN 1744-1/15.1	Color with respect to pattern	Clearer
Variation of the setting time of mortar	EN 1744-1/15.3	min	+ 20

Variation in compressive strength of mortar	EN 1744-1/15.3	%	- 9,3
Solubility in water	EN 1744-1/16	WS	<0,25
Water absorption	EN 1097-6	WA	< 1
Loss on calcination	EN 1744-1/17	%	40

Technical data

Storage	Store in a covered, dry and ventilated place.
Presentation	In big-bag and bulk

MADE IN SPAIN

For safety precautions in the use, storage and disposal of the product, please refer to the Safety Data Sheet available at www.aymarsa.es.

NOTE: The information contained in this data sheet is based on our experience and on 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.



Plant and Offices
Ctra. C-35, Km 58 - Ap. Correos nº1
08470 SANT CELONI (Barcelona)

Tel. (+34) 93 867 00 00

aymar@aymarsa.es
www.aymarsa.es



GESTIÓN MINERA SOSTENIBLE
UNE 22480
SGM-001/2009



GESTIÓN DE LA CALIDAD
ISO 9001
ER-1277/2010



SEGURIDAD Y SALUD EN EL TRABAJO
ISO 45001
SST-006/2018



GESTIÓN AMBIENTAL
ISO 14001
GA-2010/0955
Mina "XALUXA"



EMAS
Gestión ambiental verificada
REG. NO. 40-CAT-00040
Mina "Xaluxa"