



Marble Granules Granomar™

Wall finishes – helping to decorate facades – have always been used as a protection against harmful influences of the climate. Mineral granules are an important ingredient of the wall finish, the selection of which is an important determinant of the quality and the cost of the finished product.

The Granomar™ granules are extracted from pure Carrara marble. The raw material is quarried in the Apuan Alps. Decisive for the raw material selection are parameters like the hardness of the individual rocks and its colour. Marble shows a uniform colour and it does not contain iron contamination with its discolouring effects. The selection of the quarries excludes these impurities from the Granomar™ products.

Its white colour is advantageous for the formulation of wall finishes as the excellent brightness saves production costs by reducing the necessary content of titanium dioxide.

Granomar™ results from a special process generating a subrounded particle shape, which grants uniformity in the structure of the wall finishes.

Its precise screening is essential for both, the interior as well as the exterior application of facade finishes. Granomar™ is therefore available in a well-defined range between 0,5 and 3,0 mm.

Marble sands complete the range – some of them are cut of fines – and their excellent brightness predestinates them for their use in numerous applications in coating and building specialties.

Chemical and physical data of Granomar™ / Chemische und physikalische Daten von Granomar™

Chem. Analyse / -is	
CaCO ₃	99,50%
MgO	0,30%
Al ₂ O ₃	0,10%
Fe ₂ O ₃	0,02%
SiO ₂	0,06%
Phys. Daten / Data	
Struktur / Structure	kristallin-rhomboedrisch / crystalline-rhoemboedric
Dichte / Density	2,7 g/cm ³
Brechungsindex / Refractory Index	1,59
pH (wässrige Lösung / aqueous solution)	9,4
Härte / Hardness (Mohs)	3,0

Granomar™-Marble Granules / Marmorkörnungen



<u>Granomar</u>	<u>2,5-3,0 mm</u>
> 4,000 mm	0,50 %
> 3,150 mm	max. 2 %
> 2,000 mm	85-95 %
< 0,500 mm	max. 1 %



<u>Granomar</u>	<u>2,0-3,0 mm</u>
> 3,150 mm	0,50 %
> 1,800 mm	85-90 %
< 1,800 mm	5-10 %



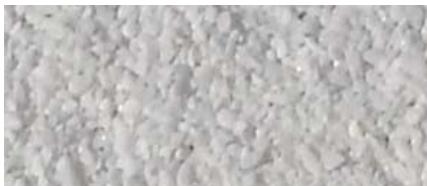
<u>Granomar</u>	<u>2,0-2,5 mm</u>
> 3,150 mm	0,50%
> 2,500 mm	max. 3 %
> 1,800 mm	85-95 %
< 0,100 mm	max. 2 %



<u>Granomar</u>	<u>1,5-2,0 mm</u>
> 2,500 mm	0,50%
> 2,000 mm	max. 3 %
> 1,400 mm	80-95 %
> 1,000 mm	5-10 %
< 1,000 mm	max. 2 %



<u>Granomar</u>	<u>1,0-1,5 mm</u>
> 1,600 mm	max. 2 %
> 1,000 mm	75-90 %
> 0,500 mm	10-20 %
< 0,500 mm	max. 2%



<u>Granomar</u>	<u>0,5-1,0 mm</u>
> 1,400 mm	0,50%
> 1,000 mm	2-5 %
> 0,400 mm	80-95 %
< 0,100 mm	max. 2 %

Granomar™-Marble Sands / Brechsande



<u>Granomar™ Type</u>	<u>Korngrößenbereich Grain Size Range</u>
0,7S	0,1-0,7 mm
0,5S	0,1-0,5 mm
0,3S	0,1-0,3 mm
0,5N	0,0-0,5 mm
200	0,0-0,2 mm
100	0,0-0,1 mm
80	0,0-0,08 mm
50	0,0-0,05 mm