



Datasheet:

Floormag[®] M100

- is a caustic calcined magnesite (magnesium oxide).
- is produced by calcination of natural raw magnesite.
- is mostly used as -100 mesh powder (-150 micron).
- is used as binder in magnesite screeds (Sorel cement).
- is used for all **standard applications**.
- is fulfilling the requirements of **EN 14016**.

Chemical Analysis:

		typical	min./max.	
MgO	(Magnesium Oxide)	90,0 %	min.	87,0 %
CaO	(Calcium Oxide)	1,8 %	max.	2,5 %
SiO ₂	(Silicon Oxide)	4,0 %	max.	7,0 %
Fe ₂ O ₃	(Iron (III) Oxide)	0,30 %	max.	0,5 %
Al ₂ O ₃	(Aluminium Oxide)	0,10 %		
SO ₃	(Sulfur Oxide)	0,25 %		
LOI	(Loss of ignition)	4,0 %	max.	6,5 %

Physical Parameters:

Colour:	beige	
Particle size:	maximum 5 % residue on 150 micron sieve	
Density:	bulk density (EN 14016)	ca. 800 g / l

Compression strength (EN 14016):

after 3 days	> 55 N / mm ²
after 28 days	> 75 N / mm ²

Please note:

- All information is based on data available at the date of issue. This datasheet is an uncontrolled copy which will not be updated automatically.
- The chemical and physical data refer to analyses of incoming raw material. Other specifications for minimum and maximum values can be given on request. Please contact our sales department.
- No guarantee is implied or expressed regarding the use of the product, since the conditions for use are beyond our control.