

CALCILIT M - Products.

Product Properties:

Make your business more profitable by adding of **CALCILIT**[®] and combine quality improvement and cost saving of your formulations. Numerous useful properties of paints and coatings, such as sheen, opacity and resistance, can be improved considerably by adding of **CALCILIT M**[®] as filler.

CALCILIT[®] product family is finely milled highly pure white calcium carbonate, produced from natural calcium carbonate by a new multistage process. **CALCILIT M**[®] are products made in Sacile, Italy. **CALCILIT**[®] products are responsible for optimal rheological properties of paint formulations and contribute to the technological performance, the mechanical properties and the surface finish of formulated paint.

CALCILIT[®] products are adjusted for miscellaneous applications and modern needs.

MULTITASKING AND BEST PERFORMANCE

Key Benefits at a glance:

- Milled natural calcium carbonate (GCC)
- Balanced particle size distribution
- Reduction of organic pigment amount
- Improved performance of formulation
- Ideally adjusted for sophisticated applications
- Free from organic pollutants (e.g. acetaldehyde)



Picture: macu-ib-60818-unplash

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Introduction:

CALCILIT M[®] products are finely milled and classified calcium carbonates (GCC). The high colour neutrality makes **CALCILIT M**[®] products especially suited for the use in pigmented systems. Fields of application are paints, thermosets, sealants, PVC plastisols, adhesives, scouring agents and pharmaceuticals.

Chemical and Physical Data:

Name of product	D50-value [µm]	Sieve residue >32 µm [%]	Sieve residue >40 µm [%]	Whiteness Ry	Spec. surface BET [m ² /g]	Moisture [%]	Bulk density (untamped) [g/ml]
CALCILIT 3 M	2,5	< 0,05		95	5,0	< 0,2	0,6
CALCILIT 4 M	3	< 0,05		95	3,0	< 0,2	0,7
CALCILIT 5 M	5,5		< 0,1	94	2,0	< 0,2	0,9

Application examples:

Paints and coatings:

- Applications: e.g. dispersion paints and coatings
- Adjusted as rheological and surface quality agent

Sealants and adhesives:

- Applications: general purpose adhesives, joint sealants.
- Usable in a broad spectrum of multi-component systems

Plastisols:

- Optimisation of rheology and viscosity of organic matrix



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