

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

2019-02-22/Version 1/OK

CALCILIT M - Products.

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



Picture: thorn-masat-714289-unsplash

2019-02-22/Version 1/OK