

CALCILIT KA - Products.

Product Properties:

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

CALCILIT® product family is finely milled highly pure white calcium carbonate, produced from natural calcium carbonate by a new multistage process. **CALCILIT KA®** is the trade name for white marble-based products manufactured in Kainach in Austria, where compact-grown white marble is mined in open pit, washed, dried and automatically classified by colour. **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 marble
- Balanced particle size distribution
- Reduction of organic pigment amount
- Improved performance of formulation
- Germ - free and free of organic pollutants (e.g. acetaldehyde)
- Ideally adjusted for sophisticated applications



Picture: richard-lee-437608-unsplash

2019-02-22/Version 1/OK

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Introduction:

CALCILIT[®] products are finely milled and classified calcium carbonates. The high colour neutrality makes **CALCILIT**[®] products especially suited for the use in pigmented systems. Fields of application of the finer products are paints, thermosets, sealants, PVC plastisols, adhesives, scouring agents and also pharmaceuticals. The coarser products are useful for plasters, putties, trowelling compounds, detergents, and construction chemistry products.

Chemical and Physical Data:

Name of product	D50-value [µm]	Sieve residue [%]			Whiteness Ry	Spec. surface Blaine [m ² /g]	Moisture [%]	Bulk density (untamped) [g/ml]
		> 63 µm	> 200 µm	> 315 µm				
CALCILIT 10 KA	10	< 0,01			92	1,0	< 0,2	0,9
CALCILIT 20 KA	20	< 0,5			92	0,6	< 0,2	1,1
CALCILIT 40 KA	40				90	0,3	< 0,2	1,3
CALCILIT 65 KA	65		< 1,0		82	0,2	< 0,2	1,4
CALCILIT 100 KA	35			0	90	1,0	< 0,2	1,3

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 by broaden spectra of multi-component systems

Plastisols:

- Optimisation of rheology and viscosity of organic matrix



Picture: rhondak-native-florida-folk-artist-83553-unsplash

2019-02-22/Version 1/OK