

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, such as sheen, opacity and resistance, can be improved considerably by adding of calcium carbonates.

CALCILIT product family is fine particle-sized 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 & BEST PERFORMANCE

Key Benefits at a glance

- Natural marble
- Balanced particle size distribution
- Reduction of organic pigment amount
- Improved performance of formulation
- Germ - free and free of organic pollutants
- Ideal adjusted for sophisticated applications



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Introduction

CALCILIT products are fine particle-sized 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 even pharmaceuticals. The coarser products are useful for plasters, putties, trowelling compounds, detergents, and construction chemistry products.

Chemical and Physical Data

Product	D50 [µm]	Sieve residue [%]	Whiteness Ry	Spec. surface Blaine [m ² /g]	Moisture [%]	Bulk density (untamped) [g/ml]
CALCILIT 10 KA	10	63 µm < 0.01	92	1.0	< 0.2	0.9
CALCILIT 20 KA	20	63 µm < 0.5	92	0.6	< 0.2	1.1
CALCILIT 40 KA	40	200 µm < 2.5	90	0.3	< 0.2	1.3
CALCILIT 65 KA	65	200 µm < 0.1	86	0.2	< 0.2	1.4
CALCILIT 100 KA	35	315 µm < 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



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