

## ***CALCILIT® G - PRODUCT FAMILY***

### **Product Properties**

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

**CALCILIT®** product family is fine particle-sized highly pure white calcium carbonate, produced in Cologne from natural calcium carbonate by a new multistage process and is characterised by high whiteness, a balanced particle size distribution and a precise top cut. **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
- Ideal adjusted for sophisticated applications
- Free of organic pollutants (e.g. acetaldehyde)



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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 also 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 <sup>2</sup> /g]	Moisture [%]	Bulk density (untamped) [g/ml]
<b>CALCILIT 6 G</b>	5	40 µm < 0.2	96	1.5	< 0.2	0.9
<b>CALCILIT 7 G</b>	7	40 µm < 0.1	96	1.5	< 0.2	0.9
<b>CALCILIT 8 G</b>	8	90 µm < 0.01	95	1.0	< 0.2	0.9
<b>CALCILIT 16 G</b>	16	90 µm < 0.05	94	0.7	< 0.2	1.0
<b>CALCILIT 17 G</b>	17	90 µm < 0.1	94	0.8	< 0.2	1.0
<b>CALCILIT 30 G</b>	30	90 µm < 0.1	92	0.2	< 0.2	1.3
<b>CALCILIT 40 G</b>	40	90 µm < 0.1	91	0.1	< 0.2	1.3
<b>CALCILIT 80 G</b>	27	90 µm < 0.2	91	0.5	< 0.2	1.1
<b>CALCILIT 150 G</b>	40	250 µm < 0.1	90	0.1	< 0.2	1.3

### Application examples

#### Paints and coatings:

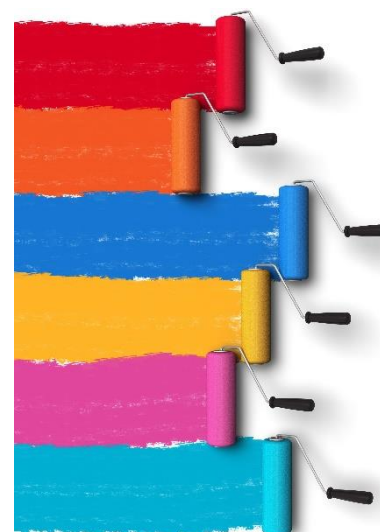
- Applications: e.g. dispersion paints and coatings, plaster and road making paints
- Adjusted as rheological and surface quality agent

#### 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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