

## ***CALCICOLL® PRODUCTS***

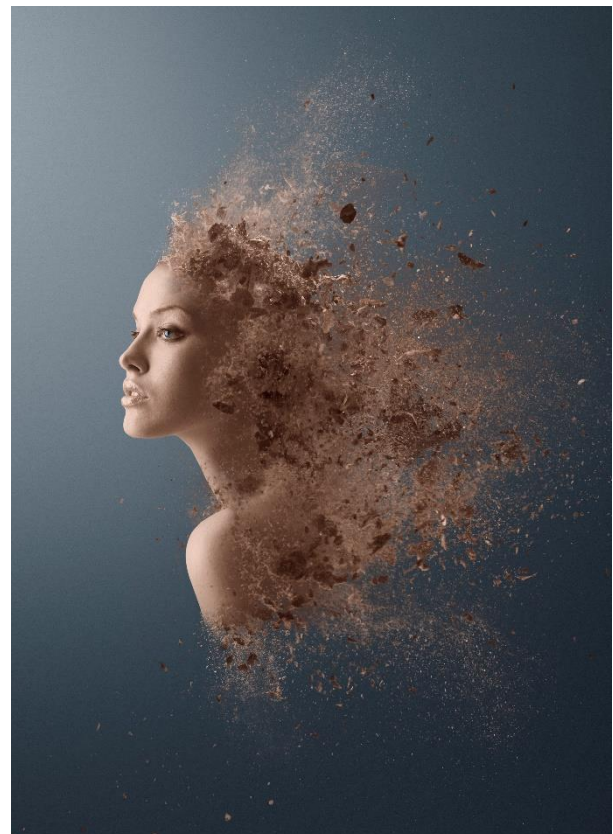
### **Product Properties:**

**CALCICOLL** is crystalline calcium carbonate (calcite) based on natural extremely pure raw material. **CALCICOLL** is characterised by steady grain size distribution with exactly defined top cut, adjusted for a wide range of requests in adhesives and construction formulations. **CALCICOLL** improves mechanical and rheological properties of formulations.

## ***STEALING BEAUTY OF INDUSTRIAL MINERALS***

### **Key Benefits at a glance:**

- Natural calcium carbonate
- Cost saving
- Exceptionally pure whitish limestone
- Perfect PSD curve
- Exact top cut
- Develops technological properties
- Extensive applications
- Free of germs and heavy metals



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### ***Alpha Calcit Füllstoff Gesellschaft mbH & Co. KG***

D-50971 Köln Postfach 50 11 06

Telefon: +49 2236 8914-0

Email: [info@alpha-calcit.de](mailto:info@alpha-calcit.de)

D-50997 Köln Otto-Hahn-Str. 9-11

Telefax: +49 2236 40644

Internet: [www.alpha-calcit.de](http://www.alpha-calcit.de)



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## CALCICOLL® PRODUCTS

### Introduction:

**CALCICOLL** products are based on natural crystalline calcium carbonate (calcite) of high chemical purity that is produced by modern dry grinding and classification processes. The raw mineral originates from the Malm-Epsilon-layer of the upper Jura formation and has a trigonal crystal structure.

### Chemical and Physical Data:

Product	D <sub>50</sub> [µm]	Sieve residue [%]	Whiteness Ry	Spec. surface Blaine [m <sup>2</sup> /g]	Moisture [%]	Bulk density (untamped) [g/ml]
<b>CALCICOLL W 5</b>	5	63 µm < 0.5	89	1.8	< 0.2	0.9
<b>CALCICOLL W 7</b>	5	63 µm < 1	89	1.8	< 0.2	0.9
<b>CALCICOLL W 10</b>	5	90 µm < 1	88	1.6	< 0.2	1.0
<b>CALCICOLL W 11</b>	8	90 µm < 1	84	1.6	< 0.2	1.0
<b>CALCICOLL W 100</b>	-	160 µm < 10	72	0.5	< 0.3	1.4

### Application examples:

#### **Adhesives:**

- General purpose filler
- Usable in a wide spectrum of multi-component systems

#### **Sealants:**

- General purpose filler
- One-component sealants (based on MS polymer, hybrid network materials, silicone)
- Crosslinking polymer preparations



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