

CALCICOLL® PRODUCTS

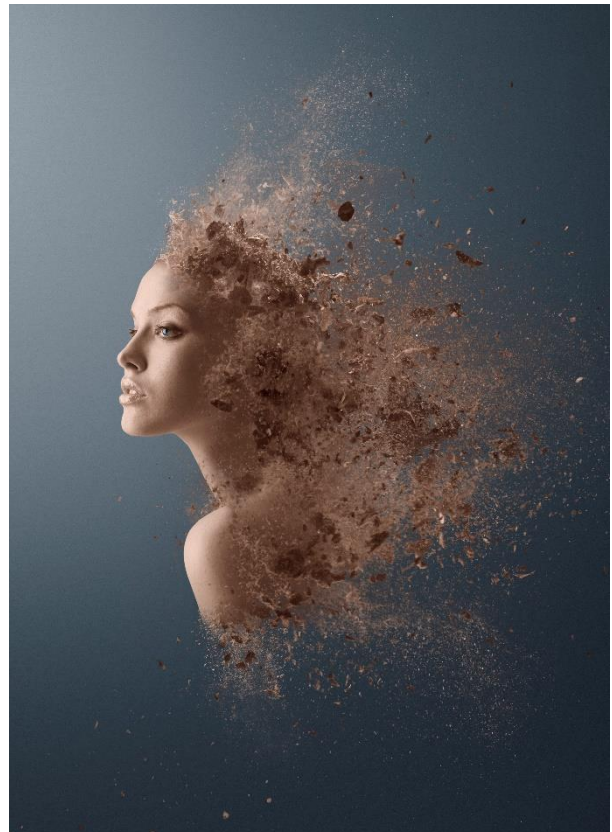
Product Properties:

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