

Stückerkalk gebrannt - Pebble lime

Märker Stückerkalk (quicklime - Pebble lime) is produced from natural Jurassic limestone that is softly burned at temperatures below the sintering temperature and then crushed and classified.

Properties: Heat generation when reacting with water/humidity
Moisture binding through chemical conversion into hydrated lime
Increase of the pH-value due to the basic property of the main chemical component calcium oxide.
Supports the formation of slag during steel production. It binds the undesirable by-products and thus ensures high steel quality.

Applications: Various application possibilities, for example in the:

- Steel industrie
- Paper industrie
- and other branches of industrial activity - we will be happy to consult you individually on your requirements!

Grain size: Standard grain size 1 - 16 mm
Other fractions in the range from 0 to 120 mm are also possible - on request and after checking the technical feasibility.

Processing: When processing Märker quicklime, avoid contact with skin and eyes. The wearing of suitable protective clothing is mandatory.

Quality control: In-house production control

Supply: bulk in silo or dump trucks, available in Harburg and Blaustein/Herrlingen (both: South of Germany)

Storage: Märker quicklime should be stored dry, protected from moisture and damp air.

Type analysis:	CaO + MgO	≥ 93 %
	MgO	≤ 7 %
	SiO ₂	≤ 2 %
	Fe ₂ O ₃	≤ 0.5 %
	Al ₂ O ₃	≤ 1 %
	SO ₃	≤ 0.4%

Physical data:	Bulk density	850-1000 kg/m ³
	wet slaking activity t ₆₀	≤ 3 min

Please refer to our current safety data sheets according to EC Regulation No. 1907/2006 for tips on handling our products. Any information, product descriptions or technical data provided in this publication is without warranty and any liability is excluded. The values in our data sheets are average values based on numerous measurements.

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