

Super 40 - White fine quicklime

Märker quicklime Super 40 is produced from natural Jurassic limestone that is softly burned at temperatures below the sintering temperature and then finely ground and air-classified. The subsequent air-classifying gives Märker Super 40 its special fineness.

Properties: Generation of heat by reaction with water/moisture
Moisture absorption through chemical conversion into hydrated lime
Increase of the pH-value due to the alcalic property of the main chemical component calcium oxide
High chemical purity of Super 40 (very low content of secondary elements)

Applications: Various application possibilities, for example in the:

- Chemical industry
- Rubber and plastics industry

Various other applications are possible - please contact us!

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 trucks
available in Blaustein/Herrlingen (south of Germany)
packed in 25 kg bags (42 bags on a palette)
available in Harburg (south of Germany)

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

Type analysis:	CaO + MgO	≥ 95 %
	MgO	≤ 0.5 %
	SiO ₂	≤ 0.9 %
	Fe ₂ O ₃	≤ 0.3 %
	Al ₂ O ₃	≤ 0.5 %
	SO ₃	≤ 0.2%

Physical data:	Bulk density	950-1050 kg/m ³
	Sieve residue at 0.090 mm	≤ 0.01 %
	Sieve residue at 0.045 mm	≤ 0.2 %

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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01/2021