

Cor-stable Fine Lime (high calcium quicklime)

A UKCA-marked product for efficient and cost-effective ground stabilisation

**UK
CA**

Cor-stable fine lime is a consistent and reliable high calcium quicklime (calcium oxide – CaO) with fast reaction rates. It is supplied with UKCA marking CL90-Q(R5-Psv).

Manufactured to meet the requirements of BS EN 459, Cor-stable is classed in the highest category for available lime and reactivity. Cor-stable fine lime is ideal for all ground stabilisation projects – enabling efficient and cost-effective conversion of weak soil into sound construction material.

Typical size analysis

+ 3.15 mm 3% max.

Typical size analysis is available on request.

Bulk density

Approximately 1100kg/m³.

Cor-stable is one of a range of proven, high-performance quicklime and limestone products manufactured by Tata Steel at Shapfell in Cumbria, UK. Located close to the M6 motorway and west coast main railway line, Shapfell operates 24/7 loading facilities – allowing fast, low-cost delivery UK-wide in bags or bulk, by road or rail.

Our responsive service means cor-stable fine lime can be supplied at short notice and in flexible quantities.

Chemical parameters

Available CaO	80% min. – typical 89%
Total CaO + MgO	90% min. – typical 95%
Loss on ignition (CO ₂) ¹	4.0% max. – typical 2%
SO ₃	2.0% max. - typical 0.15%
Reactivity	60°C in 10 minutes max. – typical 60°C in 2-3 minutes

1. As specified in BS EN459-1:2015, a higher loss on ignition is permitted if the requirements for other chemical parameters in this table are met.

Our technical and production teams are always happy to answer your questions on product choice and application.

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