

Hydrated Lime

Technical Datasheet



Whitestar Hydrated lime is a high-calcium, nonhydraulic, hydrated lime which conforms to the requirements of BS EN 459-1 building Lime.

APPLICATIONS

Whitestar Hydrated lime is used to improve the plasticity, cohesiveness and water retention of Portland cement mortars and renders.

Hydrated lime is non hydraulic and not suitable to be used in Mortars or renders without a Portland cement. Whitestar hydrated lime may be used with Whitestar high strength cement, Whitestar general purpose cement and Whitestar white cement.

The maximum benefit of Hydrated lime can be obtained by its use in a lime putty. This is produced by adding an excess of lime to water in a clean container with constant stirring to form a paste, which is allowed to condition by standing for 24 hours before use. Do not allow to dry out during this time.

CONDITIONS OF USE

- ✳ For mortars and renders Hydrated lime should always be mixed with cement and sand components
- ✳ Hydrated lime may not be used for general concreting, screeds or grout.

AVAILABILITY

Whitestar Hydrated lime is supplied in 25kg paper bags throughout the UK.

STORAGE

Hydrated lime readily absorbs moisture and carbon dioxide so should be stored in a cool, dry, draught-free building. Packs should be stored flat, clear of the ground and away from walls to avoid the possibility of condensation. This product should be stored in unopened bags and should be stacked in a safe and stable manner.

TECHNICAL SUPPORT

For further advice please contact Whitestar Technical Helpline on 0800 161 3715.

HEALTH AND SAFETY

Contact with hydrated lime may cause skin, eye and respiratory irritation, severe burns and dermatitis. Always wear suitable personal protective equipment (PPE) and refer to the full Material Safety Data Sheet for further information.