



Holcim hydraulic lime 3,5NHL is a moderately hydraulic lime mix suitable for both internal and external works.

Fully compliant with BS EN 459-1, the product is ideal for mixing lime mortar or grout, lime render or lime plaster compatible with a wide range of substrates, from brick, block and stone to flint and all other types of masonry.

Our high quality bagged hydraulic lime is most often used in restoration or conservation work, where existing lime solutions have been utilised for laying and pointing bricks and stone.

FEATURES & BENEFITS

- Offers great workability and good water retention
- Provides excellent sulphate resistance and freeze thaw properties
- Gives a high bond with low shrinkage for a reduced risk of cracking.
- Very white in colour with a high luminance (L\* > 92).

APPLICATIONS

- Mortars
- Grouts
- Renders
- Plasters

AVAILABILITY

Available in 25kg paper bags.

STORAGE

As Hydraulic Lime readily absorbs moisture and carbon dioxide it 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.

TECHNICAL DATA

Available lime: 95.0-97.0% Calcium Hydroxide  
Neutralising Value: 73.0-75% Calcium Oxide.

MIXING GUIDANCE (BY VOLUME)

GENERAL MORTAR MIX

NHL 3.5: Sand	Typical Application
1:1	Walls below DPC Chimneys Earth retaining walls
1:2	External walls Copings and cappings Parapets and sills
1:3	Facing to solid construction
1:4	Internal walls

# HYDRAULIC LIME CEMENT



## GENERAL RENDER MIX

Substrate	Base coat NHL 3.5 (lime:sand) by volume	Finish coat NHL 3.5 (lime:sand) by volume
Weak or porous brick	1:2	1:2.5
Medium or dense brick	1:2.5	1:2.5
Plasterwork	1:2	1:3 finish on a 1.25 second coat

## CONDITIONS OF USE

- ▶ Holcim Hydraulic Lime must not be used for general concreting, screeds or grout.
- ▶ For mortars and renders Hydraulic Lime should always be mixed with cement and sand components.
- ▶ The final strength and finish of this product will depend on the user having the necessary skills and knowledge of the product and its application.
- ▶ Holcim cannot be held responsible where workmanship has not been carried out in accordance with good practice.
- ▶ Should comply with The Manual Handling Operations Regulations 1992.

## SUSTAINABILITY & LOCAL SOURCING

### Energy use and greenhouse gas emissions

Holcim UK is at the forefront of sustainability and has committed to reducing both energy and greenhouse gas intensity 5% year-on-year.

### Manufacturing location

Produced in Europe under strict environmental and social legislation, for local supply.

### Circular economy

We improve resource efficiency through reuse, recovery and/or recycling of waste materials in our production processes. Plus, we minimise the generation of both hazardous and non-hazardous waste.

### Responsible sourcing

Holcim UK was the first UK construction company to achieve accreditation to the BES 6001 Framework Standard for the Responsible Sourcing of Construction Products.

**Holcim UK has achieved a 'Very Good' rating for major product groups. The BES 6001 standard assesses:**

- ▶ Quality Management
- ▶ Environmental Management
- ▶ Health and Safety Management
- ▶ Greenhouse Gas Emissions
- ▶ Minimising Raw Material Usage
- ▶ Labour Practice
- ▶ Biodiversity
- ▶ Community Engagement

## POLICIES

Holcim' policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website [www.holcim.co.uk](http://www.holcim.co.uk).

## COSHH DATA

Full COSHH data is available on request.

## HEALTH & SAFETY

Contact between cement powder and skin or body fluids (e.g. eye fluids) may cause irritation, dermatitis or burns. Cement is classified as an irritant under the Chemicals (Hazard Information and Packaging) Regulations. Please refer to the product safety data sheet for full information.

## TECHNICAL SUPPORT

Should you require information for this or any other product within the Holcim range, please contact our Customer Support team on **01455 288392** or email [uk-cement@holcim.co.uk](mailto:uk-cement@holcim.co.uk)

For technical support email [cement.technical@holcim.co.uk](mailto:cement.technical@holcim.co.uk)  
Alternatively, visit our website at: [www.holcim.co.uk](http://www.holcim.co.uk)

### Holcim UK Cement

Cauldon Cement Plant, Earlsay Lane,  
Stoke-On-Trent, Staffordshire, ST10 3EQ  
Visit: [www.holcim.co.uk](http://www.holcim.co.uk)

The information contained within this publication was accurate at time of production. However, Holcim UK reserves the right to introduce modifications or changes to detail at any time without notice. No charge is levied for this publication or advice therein, and accordingly the company, its employees and authorised agents can accept no liability whatsoever, either indirectly or directly arising from the use of its products.