

## Natural Hydraulic Lime NHL 1

| Chemical Analysis (Dry Basis) |                                | Typical<br>% Mass | Specification<br>% Mass |
|-------------------------------|--------------------------------|-------------------|-------------------------|
| Calcium Hydroxide             | Ca(OH) <sub>2</sub>            | 78.0              |                         |
| Calcium Carbonate             | CaCO <sub>3</sub>              | 3.0               |                         |
| Silica                        | SiO <sub>2</sub>               | 5.08              |                         |
| Aluminium Oxide               | Al <sub>2</sub> O <sub>3</sub> | 1.42              |                         |
| Ferric Oxide                  | Fe <sub>2</sub> O <sub>3</sub> | 0.65              |                         |

### Physical Analysis

|                      | (Microns)                   | Passing % |
|----------------------|-----------------------------|-----------|
| Particle Size        | 180                         | 100       |
| Bulk Densities       | Compacted kg/m <sup>3</sup> | 475       |
| 28 Day strength test | N/mm <sup>2</sup>           | 1.0       |
| Cementation Index    |                             |           |

This specification relates to product numbers: **PS172001 - Bulk or Bags**

Revision: 1 Date: 22-Oct-08

**Storage** Recommended minimum bulk silo capacity for quicklime/Aqualime® 60m<sup>3</sup>, Ultralime® 120m<sup>3</sup>.  
Further advice/information available on request.

**Safety** Refer to our Safety Data Sheet.

The information contained in this data is, to the best of our knowledge, true and accurate, but any typical values given are subject to variation as the raw material is naturally occurring. Full test method details available on request.