

Natural Hydraulic Lime 5

EN 459-1:2010 NHL5

Natural Hydraulic Lime is a fine, off-white powder which is made by the calcination of specially selected siliceous chalks or limestone.

Chemical Characteristics		Value	Standard
Free Lime - Ca(OH) ₂	%	≥ 15.0	EN459-1
Sulphate - SO ₃	%	≤ 2.0	EN459-1
Physical Characteristics			
Colour		Beige	-
Specific Mass	kg/dm ³	0.65 ± 0.05	EN459-1
Density	kg/m ³	700	-
Fineness - 90µm	%	≤ 15.0	EN459-1
Fineness - 200µm	%	≤ 5.0	EN459-1
Blaine	cm ² /g	9400	-
Expandability (alternative method)	mm	≤ 20	EN459-1
Free Water	%	≤ 2.0	EN459-1
Air content	%	≤ 5	EN459-1
Penetration	mm	>10 and <50	EN459-1
Setting Time (Initial)	Hrs	> 1.0	EN459-1
Setting Time (Final)	Hrs	≤ 15.0	EN459-1
Mechanical Characteristics			
Mechanical Compressive			
7 Days	N/mm ² (MPa)	≥ 2.0	EN459-1
28 Days	N/mm ² (MPa)	≥ 5.0 ≤ 15	EN459-1

This product conforms to BSEN 459-1: 2010 Building Lime as a NHL5 and is CE marked (certificate number **1328-CPD-0215**)

All product specifications are based on tests carried out prior to despatch of product.

This specification relates to product numbers:

173103 - BAG25
173203 - IBC1000

Last Revision Date March 2017

Storage Recommended minimum bulk silo capacity for quicklime/Aqualime® 60m³, Ultralime® 120m³.
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.