

TECHNICAL DATA SHEET

NHL3.5 HYDRAULIC LIME

NHL3.5 is a pure natural hydraulic lime. It contains no additives, is highly resistant and complies with the harmonized standard EN 459-1.

Physical and mechanical properties

	Plant Values Average
28 Days compressive strength (MPa)	5,8
Initial Setting Time (min)	361
Final Setting Time (min)	715
Penetration (mm)	31
Soundness (mm)	1
Bulk Density (kg/dcm3)	0,63
Residue at 0,09 mm (%)	4
Residue at 0,2 mm (%)	1

Single result limit values according to EN459-1

Minimum	Maximum
2,7	14
50	
	1980
8	55
	2
	17
	7

Physical and mechanical properties

	Plant Values Average
Free Lime (%)	42,4
Ca(OH) ₂ (%)	56
SO ₃ (%)	0,8
Free Water (%)	0,1
Color : L*	92,5

EN 459-1

Minimum	Maximum
22	
	2,5
	2,5

WORKING TEMPERATURES

Not below 5°C or above 40°C. Ensure that highly absorbent materials are sufficiently wet before application. Avoid rapid drying due to high temperatures or strong winds by spraying water during the curing process, several times a day if necessary. Protect from frost, rain, direct sunlight and strong wind. Reworkable within 24 hours.

PRECAUTIONS

Read the product label carefully before use. Detailed instructions on hazards and safety are provided in the Safety Data Sheet, which is available upon request.

PACKAGING

Paper bag of 25kg