



DATASHEET

NHL 2 (Terechaux)

Main Data and Application Recommendations

Product specification: pure and Natural Hydraulic Lime (NHL). Contains no additives.
Conforms to European Norm EN 459 and French Norm NFP 15.311

Strength factor: 2 (Feebly hydraulic)

Residue @ 0.09 mm: 5%

Density (volumetric weight) : typical 31.2 lbs/cu.ft

Available (free) lime Ca(OH)₂ after slaking: 50-55%

Packing: 55lb. Bags

Whiteness index: 76

Surface cover 362 sq.ft./oz.

Expansion : < 3/64"

Residue of quick lime after slaking: <1%

Shelf life: 8-12 months kept sealed and dry

MORTARS MIX RATIO	Compressive strength - PSI			Elasticity Moduli (Mpa)			
	EN459*	1 : 2	1:2.5	1 : 3	1 : 2	1 : 2.5	1 : 3
7 DAYS		90	77	68			
28 DAYS	2.00*	215	198	197	9025	9800	9000
6 MONTHS		557	435	418	12600	12030	11800
12 MONTHS		580	420	420	12515	12030	11900
24 MONTHS		616	435	399	13375	12000	11750
Consumption for 1 cu. yd of mortar (lbs. +/- 10%)		472	378	283			

* Incoming European Norm EN 459 (mortar ratio 1:1.3 with ISO 679 Sand)

Mixing: can be mixed in regular mortar mixers.

Application by spray gun: possible. Please consult us.

Working temperatures: not below 40°F or above 85°F. Make sure that high suction materials are thoroughly dampened before application. Avoid rapid drying due to high temperatures or strong winds by curing with a light water mist several times a day if necessary. Protect from frost, rain, direct sun and strong wind for a minimum of 96 hours.

SUITABLE FOR LATH WORK/INJECTION/GROUTING: see relevant sheets.

Reworking: possible within 24 hours.



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Mortar composition

MASONRY/POINTING 1 VOLUME OF NHL 2 : 2 VOLUMES OF SAND

Choose well graded sands (#6 to #200).

See also “*General Guidelines – Sands for NHL mortars*”

RENDERING: *on earth or friable supports, after preparation and cleaning, dampen with a 1:20 solution of NHL2/water applied in 2 coats.*

A. Scratch coat (1/8"-3/16") 3 VOLUMES OF NHL 2 : 5 VOLUMES OF SAND

This coat is applied by casting on to a still damp but not over saturated support and is left as cast to provide good keying.

B. Undercoat (5/8"-3/4") 1 VOLUME OF NHL 2 : 2 VOLUMES OF SAND

Can be applied in 2 passes of min. 3/8". Second pass only after first is reasonably dry.

C. Finishing (3/16") 1 VOLUME OF NHL 2 : 2.5 VOLUMES OF SAND

The dosage / thickness may vary in accordance with the desired finish and the sand used. In smooth floated finishes if very fine sands containing clay are used the binder (NHL) quantity will be reduced. Please check with your St. Astier Distributor.

Please also refer to General Guidelines: [NHL Renders](#).

The above details are given for information purposes only. Final dosages and application should be checked with our technicians. The Factory reserves the right to alter specifications.