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

Strength factor: 3.5 (Moderately hydraulic)  
Residue @ 0.09 mm: 6.5%  
Density (volumetric weight) : typical 40.6lbs/ft³  
Available (free) lime after slaking Ca(OH)₂: 25% +  

**Packing:** 55lb. Bags

**Whiteness index:** 72  
**Surface cover** 274 sq.ft./oz  
**Expansion:** < 3/64”  
**Residue of quick lime after slaking:** < 1%  
**Shelf life:** 8-12 months kept sealed and dry

<table>
<thead>
<tr>
<th>MORTARS</th>
<th>Compressive strength (EN459*)</th>
<th>PSI</th>
<th>Elasticity Moduli (Mpa)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MIX RATIO</td>
<td>1 : 2</td>
<td>1 : 2.5</td>
<td>1 : 3</td>
<td>1 : 2</td>
</tr>
<tr>
<td>7 DAYS</td>
<td>109</td>
<td>83</td>
<td>77</td>
<td></td>
</tr>
<tr>
<td>28 DAYS</td>
<td>3.5*</td>
<td>273</td>
<td>213</td>
<td>194</td>
</tr>
<tr>
<td>6 MONTHS</td>
<td>1029</td>
<td>774</td>
<td>571</td>
<td>15260</td>
</tr>
<tr>
<td>12 MONTHS</td>
<td>1087</td>
<td>855</td>
<td>565</td>
<td>15280</td>
</tr>
<tr>
<td>24 MONTHS</td>
<td>1251</td>
<td>870</td>
<td>576</td>
<td>17480</td>
</tr>
<tr>
<td>Consumption for 1cu. yd of mortar lbs. +/- 10%</td>
<td>514</td>
<td>411</td>
<td>364</td>
<td></td>
</tr>
</tbody>
</table>

* 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 72 hours.  

**SUITEABLE FOR LATH WORK / LIME CONCRETE/INJECTION/GROUTING** see relevant sheets.

**Reworking:** possible within 12 hours.
Mortar composition: MASONRY/POINTING/ CAPPING/ BEDDING/ ASHLAR

Binder: sand ratio: from 1:1.5 to 1:3 depending on the support/background conditions, the size of the joint and the fineness of the sand. Always use well graded sands (#6 down to #200).
See also “General Guidelines – Sands for NHL mortars”.

RENDERING
A. Pricking up coat (if required) (1/8"-3/16") 1 VOLUME NHL 3.5 : 1.5 VOLUMES of SAND Cast on.
B. Undercoat (5/8"-3/4") 1 VOLUME NHL 3.5 : 2 VOLUMES of SAND*
C. Finishing (3/16"-3/8") 1 VOLUME NHL 3.5 : 2.5 VOLUMES of SAND

With very fine sands possibly containing clays the binder content may have to be reduced.

*At this dosage the consumption is approx. 2.05lbs of NHL 3.5 per sq. yd. for each 1/8” thickness.

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.