Product specification: pure and natural hydraulic lime. Contains no additives. Conforms to European Norm (EN 459) and French Norm NFP 15.311

Strength factor: 5 (Eminently hydraulic)
Residue @ 0.09 mm: 7%
Density (volumetric weight) typical. 43.7 lbs/cu.ft.
Available (free) lime Ca(OH)$_2$ after slaking: 15-20%

Shelf life: 8-12 months kept sealed and dry

Whiteness index: 67
Surface cover 244 sq.ft/oz
Expansion : < 3/64"
Residue of quick lime after slaking: < 1%

Packing: 66kg. Bags

### Mortars

<table>
<thead>
<tr>
<th>MIX RATIO</th>
<th>EN459*</th>
<th>1 : 2</th>
<th>1 : 2.5</th>
<th>1 : 3</th>
<th>1 : 2</th>
<th>1 : 2.5</th>
<th>1 : 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 Days</td>
<td></td>
<td>284</td>
<td>245</td>
<td>128</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>28 Days</td>
<td>5*</td>
<td>319</td>
<td>290</td>
<td>217</td>
<td>10800</td>
<td>11000</td>
<td>10000</td>
</tr>
<tr>
<td>6 Months</td>
<td></td>
<td>1060</td>
<td>857</td>
<td>770</td>
<td>18000</td>
<td>17050</td>
<td>16900</td>
</tr>
<tr>
<td>12 Months</td>
<td></td>
<td>1346</td>
<td>1282</td>
<td>942</td>
<td>18510</td>
<td>17280</td>
<td>16150</td>
</tr>
<tr>
<td>24 Months</td>
<td></td>
<td>1567</td>
<td>1277</td>
<td>1131</td>
<td>21500</td>
<td>18020</td>
<td>17430</td>
</tr>
<tr>
<td>Consumption for 1m$^2$ of mortar lbs +/- 10%</td>
<td>590</td>
<td>472</td>
<td>393</td>
<td></td>
<td></td>
<td></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 48 hours.

Suitable for Lath Work / Lime Concrete/Injection/Grouting: see relevant sheets.

Reworking: possible within 8 hours.
Mortar composition: MASONRY/POINTING/CAPPING/MASS WALL BEDDING/FOUNDATION/SEA DEFENSE WALLS/CHIMNEY STACK/NEW BUILD (Masonry)

Depending on the conditions of the support/background, the fineness of the sand and the size of the joints, binder : sand ratio values vary between 1:1.5 to 1:2.5

Choose well graded sands (#6 to #200). See also “General Guidelines – Sands for NHL mortars”.

RENDERING

A. Scratch coat (1/8”-3/16”) 1 VOLUME NHL 5 : 1.5 VOLUMES of SAND Cast on recommended
B. Undercoat (5/8”-3/4”) 1 VOLUME NHL 5 : 2 VOLUMES of SAND * (1:2.5 max)

*At this dosage the consumption is approx 2.34lbs. of NHL 5 per sq.yd for each 1/8” of thickness

C. Finishing (3/16”-3/8”) USE NHL 3.5 OR NHL 2, see relevant sheets

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.