



# THE LIME CENTRE

The Lime Centre Ltd, Hazeley Road, Morestead, Winchester, Hampshire SO21 1LZ  
Tel: 01962 713636 | info@thelimecentre.co.uk | www.thelimecentre.co.uk

## Product Name: St Astier NHL2

- St Astier NHL 2 is a weak strength natural hydraulic lime, suitable for most mortars and renders.
- Mixed with a well graded sand produces a weak strength lime mortar.
- Suitable for both historic and modern buildings.
- Also available in NHL3.5 and NHL5.



### Packaging

25kg bags.

Store in cool dry place, use within 12 months.

### Mixing

Can be mixed by hand/whisk or in a cement mixer.

Contact The Lime Centre for mix ratios and specifications.

### Working Temperatures

Not below 5°C or above 30°C. Make sure that high suction materials are thoroughly dampened before application. Avoid rapid drying due to high temperature or strong winds.

### Safety

#### **Hazard Statements:**

- Causes skin irritation.
- Causes serious eye damage.
- May cause respiratory irritation.

#### **Precautionary Statements:**

- Keep out of reach of children.
- Wear protective gloves/protective clothing/eye protection/ face protection.
- In case of contact with eyes, rinse carefully with clean water for several minutes. In relevant cases, take out contact lenses if possible. Seek professional assistance for a Doctor (Hospital).
- If in contact with skin wash abundantly with soap and water.
- Avoid breathing dust/spray.
- If inhaled remove person to fresh air and keep at rest in a position comfortable for breathing.
- Dispose of contents via conventional waste management facilities. Before disposal NHL lime should be made inert by wetting to induce hardening and bags should be completely emptied

#### **Control Measures:**

- Corrosive to brass and aluminium.
- Keep away from strong oxidising agents.
- Prevent alkaline run off from entering storm drains.



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<b>Mortars</b>		<b>Compressive strength – N/mm<sup>2</sup></b>			<b>Elasticity Moduli (Mpa)</b>		
Mix Ratio		1:2	1:2.5	1:3	1:2	1:2.5	1:3
7 days		0.62	0.53	0.47			
28 Days		1.48	1.36	1.25	9025	9800	9000
6 Months		3.84	3.00	2.88	12600	12030	11800
12 Months		4.00	2.90	2.90	12515	12030	11900
24 Months		4.25	3.00	2.75	13375	12000	11750

Conforms to European Norm EN 459 and BS 459	Contains no additives
Strength factor: 2	Whiteness index: 76
Residue @ 0.09mm: 5%	Surface cover (cm <sup>2</sup> per gram): 11000
Density (volumetric weight): typical 500gr./litre	Expansion: < 1mm
Available (free) lime Ca(OH) <sub>2</sub> after slaking: 50-55%	Residue of quicklime after slaking: <1%



## SAINT-ASTIER

LIME, LIFELONG EXCELLENCE

[www.thelimecentre.co.uk](http://www.thelimecentre.co.uk)