



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 NHL5

- St Astier NHL 5 is a strong natural hydraulic lime, suitable for mortars in high exposure locations and marine applications.
- Mixed with a well graded sand produces a strong strength lime mortar.
- Suitable for both historic and modern buildings.
- Also available in NHL2 and NHL3.5.



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.



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

Mortars		Compressive strength – N/mm²			Elasticity Moduli (Mpa)		
Mix Ratio		1:2	1:2.5	1:3	1:2	1:2.5	1:3
7 days		1.96	1.00	0.88			
28 Days		2.20	2.00	1.5	10800	1100	10000
6 Months		7.31	5.94	5.31	18000	17050	16900
12 Months		9.28	8.84	6.50	18510	17280	16150
24 Months		10.81	8.81	7.8	21500	18020	17430

Conforms to European Norm EN 459 and BS 459	Contains no additives
Strength factor: 5	Whiteness index: 67
Residue @ 0.09mm: 7%	Surface cover (cm ² per gram): 8000
Density (volumetric weight): typical 700gr./litre	Expansion: < 1mm
Available (free) lime Ca(OH) ₂ after slaking: 20-22%	Residue of quicklime after slaking: <1%



SAINT-ASTIER

LIME, LIFELONG EXCELLENCE

www.thelimecentre.co.uk