



## Roundtower Natural Hydraulic Lime (NHL 5)

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### Properties

- Roundtower NHL 5 is used in areas of high exposure such as in marine environments, wall copings, lime concrete, etc.
- It allows buildings to "breathe", and does not trap moisture in the walls
- Stone and brickwork that is set in lime is easier to re-use / re-cycle
- Lime re-absorbs a proportion of carbon dioxide (CO<sub>2</sub>) emitted during production
- Natural and eco-friendly
- Self healing



### Packaging

- 25-kg paper bags. Pallets of 56/49 bags (1400/1225 kg)

### Advice

- Always take care in excessive weather conditions (rain, sun and frost) and protect the walls
- Always use the minimum quantity of water necessary to form a workable mix. Excess water may be damaging to the physical characteristics of the mortar
- Work between 8°C and 30°C
- Protect during and after application against low or high temperatures to control setting conditions and avoid any setting issues
- Store bags in dry conditions and off the ground for a maximum of one year after the production date as specified on the bags



## Main characteristics

	Unit	Average values*
<b>Physical properties</b>		
Fineness 90 $\mu$	%	5.8
Fineness 200 $\mu$	%	1.00
Expansion	mm	0.5
Bulk density	g/cm <sup>3</sup>	0.775
Real density	g/cm <sup>3</sup>	2.75
Blaine value	cm <sup>2</sup> /g	9642
<b>Mechanical properties</b>		
Setting times	min	312
Compressive strength at 7 days	MPa	3.54
Compressive strength at 28 days	MPa	6.2
<b>Chemical properties</b>		
SO <sub>3</sub>	%	1.48
Free lime content	%	21.9

\*Statistical datas, non contractual

Complies with the European Standard for building limes (EN 459-1)

## Contact

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