



Roundtower Natural Hydraulic Lime (NHL 3.5 White)

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Properties

- Roundtower NHL 3.5 (White) is mainly for masonry and external plaster works. The most popular material for new build work.
- Roundtower NHL 3.5 (White) has a high 'whiteness' and is useful when colour matching mortars.
- 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 (CO₂) 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)
- 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*
<u>Physical properties</u>		
Whiteness	Y	70-74
Fineness 90 µ	%	4
Fineness 200 µ	%	0.3
Expansion	mm	0.1
Bulk density	g/cm ³	0.604
Real density	g/cm ³	2.61
Blaine value	cm ² /g	12789
<u>Mechanical properties</u>		
Setting time	min	1107
Compressive Strength at 28 days	MPa	5.51
<u>Chemical properties</u>		
SO ₃	%	1.42
Free lime content	%	37.3

**Statistical datas, non contractual*

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

Contact

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