

THORHELICAL®

REMEDIAL SOLUTIONS

WHY USE ROUNDTOWER

NATURAL HYDRAULIC LIME

There are many reasons for specifying and using Roundtower Natural Hydraulic Limes:

✓ Old and New

Roundtower Natural Hydraulic Limes are suitable for building restoration and conservation. Equally, they are well suited for new construction and as mortars, plasters, concrete and grouts.

✓ Choice

Roundtower has 5 different natural hydraulic limes. An NHL 2 (white), two NHL 3.5 (one white and one grey), an NHL 3.5 Premix and NHL 5 (bright). Roundtower also supplies Lime Putty. This gives the user the widest choice of material.

✓ Natural

Roundtower Natural Hydraulic Limes are natural products. They contain no additives and are not blended.

✓ No additives

no need to add pozzolans, cement, plasticizers, water retainers or waterproofers. Roundtower Natural Hydraulic Lime gives consistently high quality results.

✓ Compatibility & Suitability

variety of strengths and colours available to suit existing mortar, whatever age.

✓ Resistance to weather

quick setting means less need for protection from adverse weather conditions compared to fat lime mortars.

✓ Resistance to salts

the absence of gypsum and cement ensures sulphate attack and alkali-silica reactions are impossible. Excellent performance even in marine environment.

✓ Resistance to bacteria & vegetable growth

alkalinity of lime inhibits growth.

✓ Flexibility

Compressive strength is gained gradually, allowing for movement.



ROUNDTOWER PROJECTS



PALACE WHARF



AHERLOW CASTLE



KILDROUGH HOUSE



www.roundtowerlime.com

Available from

THORHELICAL® AUSTRALIA

A Division of The WDS Group

p: 61 02 8788 8000

p: 02 9725 1622

e: sales@thorhelical.com.au

w: thorhelical.com.au

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✓ **Elasticity**

no expansion joints, minimal shrinkage and cracking.

✓ **Permeability**

condensation dispersion, reduces rot, and promotes a healthy living environment.

✓ **Insulation**

permeability reduces moisture in structure.

✓ **Low alumina content**

less susceptible to attack by salts.

✓ **Excellent workability**

Free-lime content gives good workability.

✓ **Self-healing**

Free-lime content also gives the mortar self-healing properties.

✓ **Versatility of use**

rendering, plastering, pointing, grouts and other building mortars

✓ **Reworking**

all Roundtower Natural Hydraulic limes can be re-worked within 24 hours.

✓ **Recycling**

building materials used with Roundtower Natural Hydraulic Limes can be recovered and re-used.

✓ **CO2 Absorption**

Natural Hydraulic Lime re-absorbs CO2 during carbonation of the free lime.

✓ **Examples**

a long list of international reference projects.

✓ **Cost Effective**

low bulk density means good economy as sold by weight but used by volume.

✓ **Customer support**

as a customer of Roundtower Natural Hydraulic Lime, you can expect a comprehensive support and advisory service, which is second to none.



ROUNDTOWER PROJECTS



MAIN GUARD



QUEENS UNIVERSITY



COR CASTLE



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