

Rev 2.1 - 19 May 2017

PRODUCT CODE - 906

## PRODUCT OVERVIEW

Newton 906 Lime Inhibitor is applied to concrete surfaces prior to the installation of a Newton System 500 cavity drain membrane waterproofing system to prevent the 'leaching' of free lime from the concrete. Primarily designed to be used on new concrete structures, Newton Lime Inhibitor should also be used to treat cut recesses in existing concrete slabs.



## KEY BENEFITS

- Solvent and caustic free
- Easy to use and handle
- Non-hazardous (on dilution)
- Compatible with alkaline substrates
- Long term durability

## TYPICAL APPLICATIONS

Concrete floors newer than 12 months. The whole of the concrete slab or raft as well as the recess formed ready for Newton [Basedrain](#) or [Floordrain](#) Drainage Conduit.

Walls - 200mm up the wall from the floor, or where a 'kicker' has been formed to a concrete wall, apply from the floor up to 200mm above the kicker.

Concrete floors older than 12 months - The recess cut into the concrete ready for Newton Basedrain or Floordrain Drainage Conduit as well as 200mm either side of floor construction or movement joints.

Underpinned properties require application to 200mm either side of the joints. Dry-packed areas should be sealed with a cement-based tanking product and then the tanking treated with Newton Lime Inhibitor.

## PREPARATION

Clean the surface to be treated, completely removing any dirt, grease, mould, loose coatings, release agents, floor paints or efflorescence. Structural defects must be completed in accordance with Newton Waterproofing specifications.

Newton 906 Lime Inhibitor can be applied to damp substrate but cannot be applied to wet substrate. Remove all standing water prior to application.

## MIXING

The product is diluted 1 part to 9 parts water to make 10 litres ready to use.

Add 8 litres of clean potable water to sprayer. Empty the Lime Inhibitor into the sprayer. Wash empty container with water and add to top up the sprayer to 10 litres.

## APPLICATION

Moving along the floor from one end to the next apply an even single coat using a coarse sprayer (avoid using a fine mist).

## COVERAGE

Coverage will mainly depend on the porosity of the surface. 10 litres will cover a maximum of 100m<sup>2</sup>.

## CLEANING

Remove any overspray and clean equipment with water. Splash should be removed as soon as possible as they will be extremely difficult to remove a few days later.

## STORAGE

Do not store in temperatures below 5°C. A temperature between 5°C and 25°C is recommended. The product has a shelf life of 12 months.

# NEWTON 906 LIME INHIBITOR

## Lime Inhibitor

### TECHNICAL DATA

Features	Result	Units				
Form – Single component	Low viscosity liquid					
Colour	White					
Specific Gravity	1.02					
Pack size (plastic container)	1	Litre				
Weight	1.1	kg				
Yeild – When mixed with 9 litres of water	10.0	Litres				
Application rate – Open surface, porous concrete	0.2	l/m <sup>2</sup>				
Application rate – Normal concrete	0.1	l/m <sup>2</sup>				
Application rate – Power floated concrete	0.08	l/m <sup>2</sup>				
Shelf life	12	Months				
Pot life @ 20°C & RH of 40%	N/A					
Application temperature	+5 to +35	°C				
Service temperature	-15 to +80	°C				
Odour	None					
VOC content	None					
Curing <sup>1</sup>	5°C	10°C	15°C	20°C	25°C	Units
Ready for application over	10	10	10	10	10	Minutes
Ready for temporary foot traffic	10	10	10	10	10	Minutes

The above data, even if carried out according to regulated tests are indicative and they may change when specific site conditions vary. <sup>1</sup>Figures are influenced by humidity also and so are indicative.

### OTHER NEWTON SYSTEM 100 PRODUCTS

[Newton 101F Cementitious Flexible Waterproofing Membrane](#) - High grade flexible cement based slurry with potable water certification

[Newton 313-WP WaterPlug](#) - Fast setting, polymer compound that instantly stops running water or seepage through masonry or concrete substrates.

[Newton 203-RM](#) - Rapid setting mortar for the creation of angle fillets for use with Newton System 100 cement based renders and Newton System 200 liquid applied deck and roofing products

### HEALTH & SAFETY

Newton 906 Lime Inhibitor should only be used as directed. We always recommend that the Material Safety Data Sheet (MSDS) is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The MSDS is available upon request from Newton or online via our [website](#). Please see contact details below.

Irritating to skin. Avoid contact with skin. Wear suitable protective clothing, gloves and eye/face protection.

Newton Waterproofing Systems reserve the right to update product literature at any time. Please always refer to our [website](#) for the latest versions.