



DATA SHEET

NEWTON 106

Lime Inhibitor

Rev 2.1 - 27 October 2010

PRODUCT CODE - LC1

INTRODUCTION

Newton 106 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 to new concrete structures, Newton Lime Inhibitor should also be used a treatment to cut recesses to existing concrete slabs.

PRODUCT HIGHLIGHTS

- 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.

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.

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.

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, removing any dirt, grease, mould or any loose coatings. Mould, release agents, floor paints or efflorescence should be completely removed. Structural defects must be completed in accordance with John Newton specifications.

Newton 106 Lime Inhibitor can be applied to damp substrate but cannot be applied to wet substrate. Remove all standing water prior to application.

MIXING

The products 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 100m².

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 degrees Celsius. A temperature between 5 degrees and 25 degrees Celsius is recommended. The product has a shelf life 12 months.

HEALTH & SAFETY

Newton 106 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 John Newton or online via our web site. Please see contact details below.

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

OTHER NEWTON SYSTEM 100 PRODUCTS

Newton 101F Cementitious Waterproofing Slurry

High grade flexible cement based slurry with potable water certification

Newton 102 WaterPlug

Fast setting, polymer compound that instantly stops running water or seepage through masonry or concrete substrates.

Newton 103 SBR

For creating fillets to junctions of vertical and horizontal surfaces

Newton 107 QuickFillet

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