

Externally spray-applied, instant cure, seamless, rubber waterproofing membrane

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## Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either an independent assessment or reference to an industry-based scheme



Newton confirms that this minimum level of assurance has been met or exceeded by the following:

CodeMark

[BCS164618-CMNZ](#)

Kiwa

[Kiwa BDA Agrément - BAB 17-031/04/A](#)



**masterspec partner**

### Company Contact Details



Company: Newton Systems Limited

Physical Address: 38C Hannigan Drive  
Saint Johns  
Auckland

Postal Address: PO Box 39367  
Howick  
Auckland

Telephone: 64 800 639866

Email: [info@newtonsystems.co.nz](mailto:info@newtonsystems.co.nz)

Website: [www.newtonsystems.co.nz](http://www.newtonsystems.co.nz)

## Technical Statement

### Product Description

Newton 108 HydroBond-LM is a liquid, cold and spray-applied seamless rubber waterproofing membrane for the external waterproofing of basements (including covered decks) and foundation walls.

### Scope of use

Newton 108 HydroBond-LM is suitable for all below-ground and earth-retained structures, ranging from domestic basements to the largest civil engineering projects

### New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** Performance B1.3.3(e), B1.3.3(j), B1.3.3(m), B1.3.3(q)
- **Clause B2 Durability:** Performance B2.3.1(a)
- **Clause E2 External moisture:** Performance E2.3.3
- **Clause F2 Hazardous building materials:** Performance F2.3.1

### Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



CodeMark

[BCS164618-CMNZ](#)



Kiwa

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## Product Criteria

### Design requirements

Newton 108 HydroBond-LM is normally specified as part of our Newton HydroBond System in conjunction with Newton 403 HydroBond, the membrane can also be used on its own, terminating to raft or strip foundations. Newton 108 HydroBond-LM is very quick to apply, it can be applied in cooler and damper conditions, and without a primer.

### Installation requirements

Newton 108 HydroBond-LM can only be sprayed with a specialist spray machine. The Newton 108 HydroBond-LM is required to be designed and installed according to the details and drawings described in technical and installation manual, by Newton System's trained and approved applicators. When used in conjunction with Newton 403 HydroBond or 403 HydroBond-GB as a full HydroBond System, overlap by a minimum of 150 mm. Installation temperature +5 to +35 °C.

### Maintenance requirements

Newton 108 HydroBond-LM is extremely puncture resistant, with high elasticity and a 95% recovery memory. The membrane is not hard wearing and should be protected during back-filling.

### Warrantees

Correctly installed and fully and permanently isolated from UV light and physical damage or wearing, the **Newton HydroBond 108-LM** will provide, under normal service conditions, a durable waterproof barrier for the life of the building to which it is installed. The expected life time of the building itself

should be at least 50 years. Please note that this is not the guarantee. The waterproofing guarantee is provided by the specialist waterproofing applicator who installs the product.

## Company Product Information

### Environmental

**Newton HydroBond 108-LM** - material composition: Polymer modified bituminous thick coatings for waterproofing.

### Quality Assurance



ISO 9001 (Quality Management)

### Videos

[108 HydroBond-LM](#)



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