

Rev 1.3 - 9 January 2015

INTRODUCTION

Newton 309 ContactAdhesive is a high quality, elastic and versatile gluing and sealing compound. Primarily used for bonding Newton 303 PolyProof hydrophilic waterbars to concrete and steel, it is also suitable for the sealing of joints within buildings and can be used with glass, PS and PU foam panels, wooden building elements, plastic cladding and aluminium profiles.

Newton 309 ContactAdhesive is suitable for damp and dry surfaces and is the adhesive supplied by Newton Waterproofing for the sealing of the Newton Baseboard drainage system to concrete and screed floors.

The sealant has high elasticity and high adherence and it develops a strong adhesive tensile strength immediately after application.



TYPICAL APPLICATIONS

- As an adhesive for the installation of Newton 303 PolyProof hydrophilic waterbars.
- Sealing of joints within building elements.
- Sealing and adhesion of Newton Baseboard to Newton 901 Humidity Primer above concrete or screed floor surfaces.

KEY BENEFITS

- Extremely high adhesion to most clean surfaces.
- Can be used on damp surfaces.
- Waterproof when cured.
- Very resistant to the high alkalinity of concrete.
- Maintains very high elasticity and tensile strength.
- Age resistant, no embrittlement.

NEWTON 309 CONTACTADHESIVE	
Material	Adhesive Mastic
Colour	Grey
Specific Gravity	1.53
Shore Hardness (Shore A)	60
Tensile Strength (MPa)	2.2
Elasticity	250%
Installation Temperature	10°C to 30°C
Service Temperature	-20°C to 70°C

SUITABLE SUBSTRATE & MATERIALS

- Concrete.
- Steel.
- Aluminium.
- Plastic.
- Rubber.
- Glass.
- PS and PU Foam Insulation.
- Wood.

SPECIFICATION

Newton Waterproofing Systems are in partnership with RIBA NBS who publish details of our products and systems within their specification clause library to allow Architects ease of specification through their NBS Plus interface.

NBS clauses can be accessed via the technical resources area of the web site where a live NBS Feed is available at [NBS Plus Live Feed](#)

Our website has drawings available for download here [Technical Drawings](#) and a selection are also available via [FastrackCAD](#)

TRAINING & COMPETENCY OF USER

Newton 309 ContactAdhesive does not require specialist knowledge or training, except when used with Newton 303 PolyProof or Newton Baseboard when an understanding is required of the requirement to waterproof retained structures and the knowledge and training to use the product as part of a coordinated approach to the waterproofing of the structure.

TOOLS REQUIRED

No special tools are required. Standard contractor tools are sufficient for the correct installation of the product.

CONSTRUCTION

The construction should conform with current Building Regulations, British Standards and relevant Codes of Practice.

NEWTON 309 CONTACT ADHESIVE

Adhesive Mastic

SURFACE PREPARATION

All surfaces must be thoroughly cleaned and free from laitance, loose material, dust, dirt, oil, grease, general grime, all contaminants, mould oil, etc. Please refer to the data sheet of product to be sealed or adhered with Newton 309 ContactAdhesive. The surface may be slightly damp, but not wet or with standing water.

INSTALLATION

Using a conventional Mastic Gun, apply Newton 309 ContactAdhesive in a linear bead for joints between building elements or with a snaking bead when adhering Newton 303 PolyProof.

Where the mastic is to be used for adhering Newton 303 PolyProof, ensure that sufficient mastic is used so as to provide an even bed for the waterbar.

CONSUMPTION

- 20mm wide 303 PolyProof - 6 to 8 linear metres.
- 30mm wide 303 PolyProof - 5 linear metres.
- Newton Baseboard - 1.2 to 1.5 linear metres

CURING

Newton 309 ContactAdhesive forms a skin in about 10-15 minutes. Full cure rate is approximately 3mm/24 hours.

STORAGE

Store in dry conditions between 5°C and 25°C.

SHELF LIFE

12 months.

PACKAGING

Cartridges of 290ml.

HEALTH & SAFETY

Product 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 Waterproofing or online via our web site. Please see contact details below.

ASSOCIATED PRODUCTS

Newton 303 PolyProof - Range of hydrophilic waterbars for the sealing of concrete construction and movement joints.

Newton Baseboard - PVC drainage conduit used with Newton System 500.