

Rev 1.3 - 8 January 2015

PRODUCT CODE - SX307

## INTRODUCTION

Newton 307 PipeSeal is an advanced EPDM pipe collar that provides a physical waterbar for the waterproofing of pipes penetrating through earth retained structures and to prevent water ingress around pipes and gullies to flat roofs and decks.

The innovative design of the 70mm diameter collar has ribs to the outer surfaces that act as barbs, gripping into the surrounding concrete and further internal V-ribs that are complex in shape and which fit closely and tightly, even to uneven pipe surfaces. The wrap-around groove to both ends of the collar provides for error-free installation and tightening of the chrome-steel clamps.

The elasticity of 307 PipeSeal permits installation on pipes of plastic, vitrified clay, concrete, cast iron, steel and coated pipes.



## TYPICAL APPLICATIONS

Waterproofing pipes and gullies protruding through:

- Walls, rafts, slabs and decks to earth retained structures.
- Flat roofs, decks, balconies and terraces.

## 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](#)

NEWTON 307 PIPESEAL	
Material	Collar - EDPM, Clamp - Chrome
Colour	Black
Sizes (Pipe Diameter - mm)	110 & 160
Shore Hardness (Shore A)	42
Watertightness	1 bar (10m water column)
Installation Temperature	5°C to 40°C
Service Temperature	-35°C to 100°C

## TRAINING & COMPETENCY OF USER

Newton 307 PipeSeal should be used by those with an understanding of the requirement to waterproof retained structures or decks and flat roofs 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 pipe collar.

## CONSTRUCTION

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

## PIPE PREPARATION

The surface of the joints should be clean and free from dirt, rust and loose particles. Roughen with a wire brush.

## INSTALLATION

- Lubricate the pipe with a neutral soap.
- Push the pipe collar onto the pipe to a point that is halfway within the width of the element to waterproofed.
- Tighten the two clamps.
- Apply a continuous bead of Newton 306 SwellMastic to the joint between the collar and the pipe and within one of the V-ribs half way up the flat collar.

## STORAGE

Store in dry conditions.

## ANCILLARY PRODUCTS

- Newton 306 SwellMastic

# NEWTON 307 PIPESEAL

## Pipe Waterbar

### 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 301 AquaProof - Coated metal water bar system used for the sealing of construction joints within retained concrete structures. Newton 301 AquaProof features a highly adhesive, reactive polymer coating on one of its sides. The coating creates a permanent watertight seal with the surrounding concrete to create a water bar that works immediately.

Newton 302 InjectionHose - Injection hose water bar system that can be used in conjunction with Newton 301 AquaProof to provide post construction grouting of poorly compacted concrete as well as providing a remedial option should a construction joint leak post construction.

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

Newton 304 PolyProof Inject - Hybrid that combines the grouting and resin injection capabilities of Newton 302 InjectionHose with the swelling capabilities of Newton 303 PolyProof. The resulting product provides a very high performance water bar system used for the sealing of construction joints within retained concrete structures.

Newton 307 PipeSeal - Preformed MDPE seal that creates a physical, flanged joint around pipes passing through the structure. 304 SwellMastic should be used to reinforce the joint.

Newton 308 Stopaq - Hydrophilic polymer used for the sealing of services through the structure even when leaking with considerable water pressure.

### NEWTON WATERPROOFING SYSTEMS

Newton System 100 - Cementitious waterproofing and repair products. *Type A - BS8102:2009*

Newton System 200 - Waterproofing of Decks and Flat Roofs.

Newton System 300 - Integral waterproofing of earth retained concrete structures. *Type B - BS8102:2009*

Newton System 400 - External waterproofing of earth retained structures. *Type A - BS8102:2009*

Newton System 500 - Internal cavity drain waterproofing of earth retained structures. *Type C - BS8102:2009*