**John Newton & Co Ltd**
**t/a Newton Waterproofing Systems**
Newton House
17-19 Sovereign Way
Tonbridge
Kent TN9 1RH

Tel: : 01732 360095
e-mail: : tech@newtonwaterproofing.co.uk
website: www.newtonwaterproofing.co.uk

**Agrément Certificate**
**94/3010**
Product Sheet 2

# NEWTON WATERPROOFING SYSTEMS

## NEWTON 508 MESH

This Agrément Certificate Product Sheet(1) relates to Newton 508 Mesh, a moulded HDPE membrane incorporating a polypropylene mesh as a key for plaster, render or dry lining applied on plaster dabs, for use as waterproofing and damp-proofing on walls and vaulted ceilings, over a contaminated or damp background. The product is part of the Newton CDM System, Type C, below-ground internal waterproofing system and can also be used above ground as a damp-proofing membrane.

(1) Hereinafter referred to as 'Certificate'.

**CERTIFICATION INCLUDES:**

- factors relating to compliance with Building Regulations where applicable
- factors relating to additional non-regulatory information where applicable
- independently verified technical specification
- assessment criteria and technical investigations
- design considerations
- installation guidance
- regular surveillance of production
- formal three-yearly review.

**KEY FACTORS ASSESSED**

**Resistance to water and water vapour** — the membrane is water resistant and has a high resistance to water vapour transmission (see section 6).

**Resistance to salt transfer** — the membrane provides an effective barrier to the transmission of salts or other contaminants from the substrate (see section 8).

**Properties in relation to fire** — the membrane has not been classified in accordance with BS EN 13501-1 : 2018 and it's use is restricted under the national Building Regulations in some cases (see section 9).

**Resistance to puncture and loading** — the membrane has a high resistance to puncture. It can support the long-term loadings likely to be experienced in service without undue deformation (see section 10).

**Durability** — under normal conditions of use the membrane, when used as part of a system, will provide an effective barrier to the transmission of salts, liquid water and water vapour for the life of the structure in which it is incorporated (see section 13).

The BBA has awarded this Certificate to the company named above for the product described herein. This product has been assessed by the BBA as being fit for its intended use provided it is installed, used and maintained as set out in this Certificate.

On behalf of the British Board of Agrément

Date of Fourth issue: 9 December 2021
Originally certificated on 28 October 2009

Hardy Giesler
Chief Executive Officer

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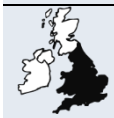
*The schedule of the current scope of accreditation for product certification is available in pdf format via the UKAS link on the BBA website at www.bbacerts.co.uk*
***Readers MUST check the validity and latest issue number of this Agrément Certificate by either referring to the BBA website or contacting the BBA directly.***
*Any photographs are for illustrative purposes only, do not constitute advice and should not be relied upon.*

**British Board of Agrément**
Bucknalls Lane
Watford
Herts WD25 9BA
©2021
tel: 01923 665300
clientservices@bbacerts.co.uk
**www.bbacerts.co.uk**

## Regulations

In the opinion of the BBA, Newton 508 Mesh, if installed, used and maintained in accordance with this Certificate, can satisfy or contribute to satisfying the relevant requirements of the following Building Regulations (the presence of a UK map indicates that the subject is related to the Building Regulations in the region or regions of the UK depicted):



### The Building Regulations 2010 (England and Wales) (as amended)

| | | |
|---|---|---|
| **Requirement:** | **B3(4)** | **Internal fire spread – structure** |
| Comment: | | The product can contribute to satisfying this Requirement. See section 9.1 of this Certificate. |
| **Requirement:** | **B4(1)** | **External fire spread** |
| Comment: | | The product is restricted by this Requirement. See section 9 of this Certificate. |
| **Requirement:** | **C2(a)(b)** | **Resistance to moisture** |
| Comment: | | The product, when used as part of a system, adequately resists the passage of moisture. See section 6.1 of this Certificate. |
| **Regulation:** | **7(1)** | **Materials and workmanship** |
| Comment: | | The product is acceptable. See section 13 and the *Installation* part of this Certificate. |

### The Building (Scotland) Regulations 2004 (as amended)

| | | |
|---|---|---|
| **Regulation:** | **8(1)** | **Durability, workmanship and fitness of materials** |
| Comment: | | The product is acceptable. See section 13 and the Installation part of this Certificate. |
| **Regulation:** | **9** | **Building standards applicable to construction** |
| Standard: | 2.4 | Cavities |
| Comment: | | The product can contribute to satisfying this Standard with respect to clause 2.4.2[(1)(2)]. See section 9.1 of this Certificate. |
| Standard: | 3.3 | Flooding and ground water |
| Comment: | | The product, when used as part of a system, can contribute to minimising or eliminating the effects of flooding on the building fabric and/or the building element, with reference to clause 3.3.1[(1)(2)]. See section 6.1 of this Certificate. |
| Standard: | 3.4 | Moisture from the ground |
| Comment: | | The product, when used as part of a system, adequately resists the passage of moisture, with reference to clauses 3.4.1[(1)(2)], 3.4.2[(1)(2)], 3.4.5[(1)(2)], 3.4.6[(1)(2)] and 3.4.7[(1)(2)]. See section 6.1 of this Certificate. |
| Standard: | 3.6(a) | Surface water drainage |
| Comment: | | The product, when used as part of a system, can contribute to satisfying this Standard, with reference to clause 3.6.3[(1)(2)]. See section 6.1 of this Certificate. |
| Standard: | 3.10 | Precipitation |
| Comment: | | The product, when used as part of a system, adequately resists the passage of moisture, with reference to clause 3.10.1[(1)(2)]. See section 6.1 of this Certificate. |
| Standard: | 7.1(a) | Statement of sustainability |
| Comment: | | The product can contribute to meeting the relevant requirements of Regulation 9, Standards 1 to 6 and therefore will contribute to a construction meeting a bronze level of sustainability as defined in this Standard. |

| | | |
|---|---|---|
| **Regulation:** | **12** | **Building standards applicable to conversions** |
| Comment: | | Comments in relation to the product under Regulation 9, Standards 1 to 6 also apply to this Regulation, with reference to clause 0.12.1[(1)(2)] and Schedule 6[(1)(2)].<br><br>(1) Technical Handbook (Domestic).<br>(2) Technical Handbook (Non-Domestic). |

## The Building Regulations (Northern Ireland) 2012 (as amended)

| | | |
|---|---|---|
| **Regulation:** | **23(a)(i) (iii)(b)(i)** | **Fitness of materials and workmanship** |
| Comment: | | The product is acceptable. See section 13 and the *Installation* part of this Certificate |
| **Regulation:** | **28(a)(b)** | **Resistance to moisture and weather** |
| Comment: | | The product, when used as part of a system, adequately resists the passage of moisture. See section 6.1 of this Certificate. |
| **Regulation:** | **35(4)** | **Internal fire spread - structure** |
| Comment: | | The product can contribute to satisfying this Regulation. See section 9.1 of this Certificate. |

## Construction (Design and Management) Regulations 2015
## Construction (Design and Management) Regulations (Northern Ireland) 2016

Information in this Certificate may assist the client, designer (including Principal Designer) and contractor (including Principal Contractor) to address their obligations under these Regulations.

See sections: 1 *Description* (1.1) of this Certificate.

# Additional Information

## NHBC Standards 2021

In the opinion of the BBA, Newton 508 Mesh, if installed, used and maintained in accordance with this Certificate, can satisfy or contribute to satisfying the relevant requirements in relation to *NHBC Standards*, Chapters 5.1 *Substructures and ground bearing floors*, 5.2 *Suspended ground floors* and 5.4 *Waterproofing of basements and other below ground structures.*

Where Grade 3 protection is required and the below-ground wall retains more than 600 mm (measured from the top of the retained ground to the lowest finished floor level), the product should be used in combination with either a Type A or Type B waterproofing protection.

In the opinion of the BBA, use of the product on existing structures, if installed and used in accordance with this Certificate, can satisfy or contribute to satisfying the relevant requirements in relation to *NHBC Standards for Conversions and Renovations*, taking account of other relevant guidance within the chapter and the suitability of the substrate to receive the product.

## CE marking

The Certificate holder has taken the responsibility of CE marking the product in accordance with harmonised European standard BS EN 13967 : 2012.

## Technical Specification

# 1 Description

1.1 Newton 508 Mesh membrane is a white, translucent high-density polyethylene (HDPE) sheet with moulded studs at 28 mm centres, for use as part of Newton CDM System(1), or above ground as a damp-proofing membrane. It has a woven polypropylene mesh thermally bonded to the membrane on the face side to form a key for plaster and render finishes. The membrane is manufactured to the nominal characteristics given in Table 1.

*Table 1 Nominal characteristics*

| Characteristic (unit) | Newton 508 mesh |
|---|---|
| Thickness (mm) | 0.6 |
| Dome height (mm) | 8.0 |
| Weight per unit area (kg·m$^{-2}$) | 0.6 |
| Roll length (m) | 20.0 |
| Roll width (m) | 2.0(2) |
| Weight per roll (kg) | 24.6 |
| Air gap volume (litres per m$^2$) | 5.51 |
| Watertightness 60 kPa | Pass |

(1) Newton CDM System is a below-ground waterproofing system for both new build and refurbishment projects, consisting of Newton waterproof membranes linked to a water drainage system to convey excess water safely away from the property.

(2) Includes a 70 mm flanged dome-free area for overlapping sheets.

1.2 Ancillary items used with the membrane and included in this assessment are:

- Newton MultiPlug — a dark blue plastic plug supplied with preformed rubber seal, for use in masonry walls and concrete. The plug acts as a waterproof wall plug for securing the membrane to the wall. Battens, independent wall lining systems or wall ties can be secured into the head of the plug without having to make additional holes through the membrane
- Newton Nu-Seal Plug — red glass-filled nylon plug for securing Newton membranes in below-ground situations. The plug requires Newton Waterseal Rope to be wrapped in a bead around the plug head prior to fixing the membrane. Nu-Seal Plugs are recommended when affixing Newton 508 Mesh, Newton 508(1) or Newton 508R(1) membrane to vaulted brick arches
- Newton Waterseal Tape — black butyl tape for sealing joints in the membrane
- Newton Waterseal Rope — black butyl beading for sealing the air gap around pipes and the edges of the membrane, and, joining floor and wall membranes. It is also used to seal around the head of Nu-Seal Plugs prior to fixing Newton membranes
- Newton Mastic Sealer — silicone sealant for sealing the Newton membranes in an above-ground situation where no hydrostatic pressure is possible
- Newton Overtape — self-adhesive membrane strip for sealing junctions between walls and floors, and for sealing joints at corners. It can also be used for sealing around service penetrations
- Newton Basedrain — a PVC-U system of drainage channels with 18 mm diameter holes every 100 mm along its length, to collect at the base of the membrane and conduct it to a collection point for subsequent discharge. It is available in straight lengths and also in preformed angles for use at corners and junctions. Newton Basedrain is a part of the Newton CDM System internal cavity drain system
- Newton Floordrain — as Newton Basedrain but without the upstand or flange. Floordrain is used to receive water from floor construction joints and to connect Basedrain to internally sited sumps
- Newton Drainage Adaptor — changes profile from Basedrain or Floordrain to receive 63 mm outside diameter pipe for connections to services or to sumps.

(1) Newton 508 and Newton 508R are used as part of the Newton CDM System and are the subjects of Product Sheet 1 of this Certificate.

1.3 Also for use with the products, but outside the scope of this Certificate are:

- Newton CDM Lime Inhibitor, for use prior to the installation of a Newton CDM cavity drain membrane waterproofing system to prevent the ‘leaching’ of free lime from the concrete

- Newton Basedrain Inspection Port — large aperture port that allows access to the Basedrain drainage system for inspection and maintenance
- Newton Condensation Strip — a strip of 8 mm membrane that creates an opening that allows condensation forming on the face of the wall membrane to be received by the Basedrain drainage system
- Newton Fibran XPS 500-C Insulation — 50 mm insulated spacer that ensures that the floor membrane is above the Basedrain drainage system.

1.4 Newton CDM System is outside the scope of this Certificate.

## 2 Manufacture

2.1 The membrane is formed in a continuous process in which HDPE is extruded into sheets and the studs are Impression formed. A woven polypropylene mesh is then thermally bonded onto the face side of the membrane.

2.2 As part of the assessment and ongoing surveillance of product quality, the BBA has:

- agreed with the manufacturer the quality control procedures and product testing to be undertaken
- assessed and agreed the quality control operated over batches of incoming materials
- monitored the production process and verified that it is in accordance with the documented process
- evaluated the process for management of nonconformities
- checked that equipment has been properly tested and calibrated
- undertaken to carry out the above measures on a regular basis through a surveillance process, to verify that the specifications and quality control operated by the manufacturer are being maintained.

2.3 The management systems of Newton Waterproofing Systems have been assessed and registered as meeting the requirements of BES 6001 by BRE Global Certification (Certificate RS0057).

## 3 Delivery and site handling

3.1 The membrane is delivered to site in rolls packaged in woven plastic sacks, bearing the product and Certificate holder's name, and the BBA logo incorporating the number of this Certificate.

3.2 Rolls should be stored on end, under cover and protected from sharp objects, sunlight and high temperatures.

3.3 The packaging details of the ancillary items are shown in Table 2.

*Table 2 Packaging details*

| Item | Dimensions/volume | Packaging/quantity |
|---|---|---|
| Newton Nu-Seal Plug | 25 mm diameter head 70 mm long<br>(use 11 mm drill bit) | bags of 100 |
| Newton Multiplug | 25 mm diameter head 57 mm long<br>(use 10 mm drill bit) | bags of 100 |
| Newton Waterseal Tape | 22.5 m long x 30 mm wide x 2 mm thick | 12 rolls per box |
| Newton Waterseal Rope | 4.75 m long x 10 mm diameter | 12 rolls per box |
| Newton Mastic Sealer | 0.4 litre cartridge | 25 cartridges per carton |
| Newton Overtape | 20 m x 150 mm in black or white<br>20 m x 100 mm in black | 2 rolls per box at 150 mm wide<br>4 rolls per box at 100 mm wide |
| Newton Basedrain and Newton Floordrain | 2 m lengths | 6 lengths per pack |

## Assessment and Technical Investigations

The following is a summary of the assessment and technical investigations carried out on Newton 508 Mesh.

### Design Considerations

## 4 Use

4.1 Newton 508 Mesh is satisfactory for waterproofing and damp-proofing walls and vaulted ceilings, above and below ground, as part of the Newton CDM System(1), in new construction or in existing buildings over a contaminated or damp background. It can support plastering, rendering or a dry lining fixed by plaster dabs (where appropriate) in the following situations:

- on damp walls in underground situations subject to high groundwater levels and perennial moisture
- on vaulted ceilings of archways or cellars subject to water ingress
- in conjunction with a remedial dpc system where the walls have a high salt content and/or when it is necessary to complete the installation immediately without allowing a period for initial drying
- over walls which have a friable or painted surface, are contaminated with oil or mould, or have a high salt content
- as a waterproofing membrane in areas subject to vibration, as part of the Newton CDM System.

(1) Newton CDM System is a Type C, below-ground waterproofing system for both new build and refurbishment projects, consisting of Newton waterproof membranes linked to a water drainage system and pumping system to convey excess water safely away from the property.

4.2 Depending on the application required and the site conditions, the membrane may be used as:

- a dry lining for walls for use above ground
- part of Newton CDM System for use below ground, covering floor, walls and ceiling, with provision made for disposing of water build-up behind the membrane via a sump and pump. If available and considered suitable, natural gravity feed drainage that is below the internal basement floor level can be used instead of a sump and pump, in which case the advice of the Certificate holder should be sought.

4.3 The membrane has not been assessed for use in chemically contaminated areas, such as brownfield sites.

4.4 The membrane is satisfactory for use in Type C (drained protection) constructions in accordance with BS 8102 : 2009.

## 5 Practicability of installation

The membrane should only be installed by installers who have been trained and approved by the Certificate holder.

## 6 Resistance to water and water vapour

6.1 The membrane is water resistant and has a high resistance to water vapour transmission. However, the system as installed is not resistant to hydrostatic pressure and, consequently, the measures described in the Installation part of this Certificate must be followed to ensure that the membrane acts as a drainage layer with no excessive build-up of water behind the system.

6.2 All joints and fixings must be sealed with Newton sealing products, and drainage channels and drainage system or sumps and pumps should be installed as necessary to disperse excess or standing water.

## 7 Risk of condensation

7.1 There is need to control the generation and dispersal of moisture in the internal environment and to select appropriate and robust designs to minimise the risk of both surface and interstitial condensation, especially where insulation is used over the membranes.

7.2 In common with most waterproofing membranes, the products have a very high resistance to vapour diffusion, and when placed on the cold side of a construction may increase the risk of interstitial condensation. A calculation should be carried out to BS 5250 : 2011 and designers should consider appropriate techniques for managing the safe egress of moisture vapour (such as control of the internal room environment or the use of a vapour control layer on the warm side of the insulation) and in particular the effect of moisture on any materials at, or in contact with materials below, the local dew-point.

## 8 Resistance to salt transfer

The membrane provides an effective barrier to the transmission of salts or other contaminants from the substrate.

## 9 Properties in relation to fire

9.1 The membrane has not been classified in accordance with BS EN 13501-1 : 2018. Where the product forms the face of a cavity, the permissible area of use and the spacing of cavity barriers are restricted by the national Building Regulations.

9.2 When used as part of the external wall above ground level the membrane should not be used on buildings in England and Wales that have a storey at least 18 m above ground level and contain: one or more dwellings, an institution, a room for residential purposes (excluding any room in a hostel, hotel or boarding house), student accommodation, care homes, sheltered housing, hospitals or dormitories in boarding schools.

## 10 Resistance to puncture and loading

The membrane, plastered, rendered or dry lined, has a satisfactory resistance to soft and hard body impacts.

## 11 Wall-mounted fittings

Wall-mounted fittings (apart from lightweight items such as framed pictures) should be fixed (using recommended proprietary fixings) through the membrane and lining board, plaster or render to the loadbearing structure behind. Holes made in the membrane must be filled with a flexible sealant before inserting the fixing.

## 12 Maintenance

12.1 As the membrane is confined within a wall or floor space and has suitable durability (see section 13), maintenance is not required.

12.2 Regular maintenance of all drainage systems, sumps and pumps must be conducted to ensure that a build-up of water does not occur behind the membrane.

## 13 Durability

Under normal conditions of use, the membrane, when used as part of a system, will provide an effective barrier to the transmission of salts, liquid water and water vapour for the life of the structure in which it is incorporated.

## 14 Reuse and recyclability

The product comprises HDPE and polypropylene, which can be recycled.

## Installation

## 15 Survey

15.1 Where the property is below ground, or where conditions are damp, a full survey by a specialist waterproofing surveyor is necessary to diagnose the cause and to establish if treatment is required.

15.2 If rising damp to above-ground elevations is found, a remedial treatment is conducted in accordance with the relevant Agrément Certificate, BS 6576 : 2005 and the Property Care Association Code of Practice, 2013.

15.3 Appropriate remedial measures must be taken to rectify major causes of damp conditions or water ingress, and to repair structural defects.

## 16 Surface preparation

16.1 When the Newton 508 Mesh membrane is used in existing buildings, any unsound plaster or render is removed to expose the substrate, which is cleaned with a stiff brush to remove loose material, laitance, salt residue, mould or adhesive. If mould is present, the substrate is treated with an HSE-approved fungicidal wash.

16.2 Uneven wall substrates should be dubbed out with a cement-sand (1:4) render. They should be allowed to dry thoroughly before applying the membrane.

## 17 Procedure

**General**

17.1 When used as part of the Newton CDM System, Newton 508 Mesh may be used in combination with any of the appropriate Newton membranes which are the subject of Product Sheets 1, 3, 4, 8 and 9, and with the Newton Basedrain drainage system.

17.2 Joints are sealed using Newton Waterseal Tape. For stud-into-stud joints (where the studs overlap but cannot interlock owing to the presence of the mesh), these are sealed by overlapping the membrane by three studs and positioning Newton Waterseal Rope between the last two rows of studs. The joint can be further reinforced by overtaping with Newton Mesh Tape.

17.3 Fixings are made through the membrane into 10 mm holes, drilled centrally through the studs. Newton MultiPlugs (complete with preformed rubber seal) are inserted into the holes and hammered flush with the membrane with a club hammer. The seal must be compressed to function as a barrier against water ingress, and this should be visually checked as each plug is fixed.

17.4 Spacing between fixings should normally be a maximum of 250 mm. This is achieved by fixing in a square at 350 centres and then adding a plug in the centre of the square. On very flat walls, the horizontal and vertical centres can be moved out to 400 mm so that when the centre plug is added, the maximum spacing is 300 mm.

17.5 On difficult substrates, the translucence of the membrane allows the contractor to view the substrate and choose the optimum site for each fixing.

**Walls**

17.6 Installation of the membrane is usually commenced at the top of the construction. The membrane may require initial fixing along the upper edge of a wall, prior to final fixing. Joints are overlapped by a minimum of three studs (see section 17.2 of this Certificate), and for horizontal joints the lower sheet is always positioned in front of the upper sheet.

17.7 The membrane is installed over windows and cut away to expose them, with proprietary liquid or physical DPM used to damp-proof the reveals. The joints between the wall membrane and the reveals are sealed with Waterseal Rope and Overtape.

17.8 In most cases, the techniques described in section 18.8 of this Certificate also apply for external door reveals. Where there is a risk of water ingress or dampness to the head of the door other techniques will need to be employed and the Certificate holder should be contacted for specific advise.

17.9 Power cables, points and light switches should preferably be remounted in front of the membrane.

17.10 In below-ground installations, the practice of leaving the top of the wall membrane unsealed where there is no requirement for a ceiling membrane to be installed may need to be reconsidered in cases where ingress of gases, odours or vermin is a possibility (such as in proximity to food preparation areas). The advice of the Certificate holder should be sought in these situations.

**Ceilings**

17.11 Ceilings to be covered must always have a fall, as per vaulted cellar constructions, to ensure that water does not lie against the membrane or a joint. In addition to the requirements given in section 17.6 of this Certificate, on ceilings the vertical drop between the ends of the two membrane sheets for horizontal overlaps should be the width of three studs as described in 17.2 of this Certificate.

17.12 Newton Nu-Seal Plugs or Newton Multiplugs sealed with Waterseal Rope must be used to fix the membrane to vaulted ceilings(1). Any sagging of the membrane between fixing points on ceilings must not be great enough for ponding to occur.

(1) The suitability of the substrate to accept a mechanical fixing needs to be assessed prior to the installation of the membrane system. If in doubt, the advice of the Newton Specialist Basement Contractor or Newton Technical Department should be sought.

17.13 At the end walls of vaulted constructions, the membrane must be turned down onto the end wall by a minimum 200 mm. The membrane is mitred as necessary to fit the curve of the ceiling, and the joint sealed with Newton Waterseal Rope. The wall membrane should be cut into the curve of the ceiling and fixed in front of the ceiling membrane, and the gap sealed with Newton Waterseal Rope.

## 18 Plastering

18.1 The membrane should be plastered with a plaster recommended by the Certificate holder in accordance with BS 8481 : 2006, BS EN 13914-2 : 2016 and/or the appropriate BBA Certificate.

18.2 The plaster should be applied in three coats to a minimum total depth of 15 mm. Each coat should be scratched and left to dry before application of the next, to minimise the chance of cracking or crazing of the finish coat.

## 19 Rendering

19.1 The membrane should be rendered with a 6:1:1 mixture of sharp sand/cement/lime in accordance with BS 8481 : 2006.

19.2 The render should be applied in two coats, allowing 7 to 10 days between coats, to a minimum total depth of 15 mm.

## 20 Dry lining of walls

20.1 A gypsum-based drywall adhesive to BS EN 14496 : 2017 is mixed and applied in vertical strips over the fixing centres and in bands along the top and bottom of the membrane. The adhesive dabs are applied to a minimum thickness of 8 mm and should cover a minimum of 50% of the membrane and support all board edges. Mechanical fixing is required to laminated boards. The board manufacturer should be consulted.

20.2 Gypsum plasterboards to BS EN 520 : 2004, or similar dry lining boards which are the subject of a current BBA Certificate, are pressed onto the adhesive dabs and jointed in the usual manner. Temporary spacers approximately 25 mm high are positioned under the dry lining to support it during the cure period.

## 21 Finishing works

After the system has been installed and the walls dry lined, permanent decorations such as vinyl paper or oil paint may be applied. Temporary permeable decorations (necessary with traditional, cement-based waterproofers) are not necessary for use with this system.

# Technical Investigations

## 22 Tests

Tests were carried out and the results assessed to determine:

- thickness
- impact resistance of plastered, rendered and plasterboard dry-lined membrane
- bond strength of mesh to membrane.

## 23 Investigations

23.1 A user survey of treated installations and contractors was conducted to establish the system's performance in use.

23.2 An assessment was made of the scope of use and durability of the system in relation to the generic properties of the membrane and investigations carried out previously on the Newton 508R membrane.

23.3 The manufacturing process was evaluated, including the methods adopted for quality control, and details were obtained of the quality and composition of the materials used.

# Bibliography


BS 5250 : 2011 + A1 : 2016 *Code of practice for control of condensation in buildings*

BS 6576 : 2005 + A1 : 2012 *Code of practice for diagnosis of rising damp in walls of buildings and installation of chemical dampproof courses*

BS 8102 : 2009 *Code of practice for protection of below ground structures against water from the ground*

BS 8481 : 2006 *Design, preparation and application of internal gypsum, cement, cement and lime plastering systems — Specification*

BS EN 520 : 2004 + A1 : 2009 *Gypsum plasterboards — Definitions, requirements and test methods*

BS EN 13501-1 : 2018 *Fire classification of construction products and building elements — Classification using data from reaction to fire tests*

BS EN 13914-2 : 2016 *Design, preparation and application of external rendering and internal plastering — Design considerations and essential principles for internal plastering*

BS EN 13967 : 2012+ A1 : 2017 *Flexible sheets for waterproofing — Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet — Definitions and characteristics*

BS EN 14496 : 2017 *Gypsum based adhesives for thermal/acoustic insulation composite panels and plasterboards — Definitions, requirements and test methods*

BS EN ISO 9001 : 2015 *Quality management systems — Requirements*

Property Care Association COP02 *Code of Practice for Installation of Remedial Damp-proof Courses in Masonry Walls*

## 24 Conditions

24.1 This Certificate:

- relates only to the product/system that is named and described on the front page
- is issued only to the company, firm, organisation or person named on the front page – no other company, firm, organisation or person may hold or claim that this Certificate has been issued to them
- is valid only within the UK
- has to be read, considered and used as a whole document – it may be misleading and will be incomplete to be selective
- is copyright of the BBA
- is subject to English Law.

24.2 Publications, documents, specifications, legislation, regulations, standards and the like referenced in this Certificate are those that were current and/or deemed relevant by the BBA at the date of issue or reissue of this Certificate.

24.3 This Certificate will remain valid for an unlimited period provided that the product/system and its manufacture and/or fabrication, including all related and relevant parts and processes thereof:

- are maintained at or above the levels which have been assessed and found to be satisfactory by the BBA
- continue to be checked as and when deemed appropriate by the BBA under arrangements that it will determine
- are reviewed by the BBA as and when it considers appropriate.

24.4 The BBA has used due skill, care and diligence in preparing this Certificate, but no warranty is provided.

24.5 In issuing this Certificate the BBA is not responsible and is excluded from any liability to any company, firm, organisation or person, for any matters arising directly or indirectly from:

- the presence or absence of any patent, intellectual property or similar rights subsisting in the product/system or any other product/system
- the right of the Certificate holder to manufacture, supply, install, maintain or market the product/system
- actual installations of the product/system, including their nature, design, methods, performance, workmanship and maintenance
- any works and constructions in which the product/system is installed, including their nature, design, methods, performance, workmanship and maintenance
- any loss or damage, including personal injury, howsoever caused by the product/system, including its manufacture, supply, installation, use, maintenance and removal
- any claims by the manufacturer relating to CE marking.

24.6 Any information relating to the manufacture, supply, installation, use, maintenance and removal of this product/system which is contained or referred to in this Certificate is the minimum required to be met when the product/system is manufactured, supplied, installed, used, maintained and removed. It does not purport in any way to restate the requirements of the Health and Safety at Work etc. Act 1974, or of any other statutory, common law or other duty which may exist at the date of issue or reissue of this Certificate; nor is conformity with such information to be taken as satisfying the requirements of the 1974 Act or of any statutory, common law or other duty of care.