



TERRAIN TM3 Mesh Membrane

COVERAGE

Description	Pack Size	Coverage	Product Code
TM3 MESH	1 m x 20 m	10 m ²	1311WYK
TM3 MESH	2 m x 20 m	40 m ²	1294WYK



DESCRIPTION

Terrain TM3 Mesh Membrane is a 3 mm studded membrane incorporating a tough HDPE mesh lathing welded to the front face, allowing the direct application of various plaster finishes, adhesive 'dabs' and plasterboards and delivering a grade 3 environment to BS8102:2009 and NHBC Chapter 5.4.

USES

Walls, Above and below ground level, Type C Waterproofing applications and Damp-proofing applications.

ADVANTAGES

- Part of a type C cavity drain membrane system in line with BS 8102:2009.
- Quick to install - minimal preparation needed to wall and floor surfaces.
- Easy to fold around windows and doors.
- Easily cut down using a sharp blade.
- No drying out process - redecoration can occur immediately.
- Little or no damage to the existing structure.
- Low and high temperature tolerance.
- Creates a dry, habitable living space in areas previously suffering from damp/wet conditions.
- Waterproof, salt inhibiting, root and contaminate resistant.
- Thinner diameter stud detail only 3mm.
- Now with a 1.2metre version to eliminate salt band issues.
- Easy to plaster direct onto membrane or dot and dab.

APPLICATION

With studs facing the wall, fixing is carried out using Terrain TM Plaster Plugs or Brick Plugs.

1. Drill a hole through the centre of the stud. Take care when drilling holes to avoid excessive masonry dust from falling behind the cavity drain membrane.
2. Place the chosen plug (with seal for all underground waterproofing applications) into the hole and drive the

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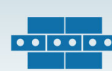
Sealants

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Paving Sealers

Timber Treatments



Damp Proofing

Membranes



Basement Waterproofing

fixing home with a rubber or wooden mallet.

3. We would suggest that spacing between plug fixings should be no greater than 250 - 300 mm, to ensure a tight fix to the wall. However, this may vary depending on chosen finishes, dimensions of plasterboards and their exact application.

4. In above ground applications, seal the membranes by butt jointing and over sealing with Terrain Fibre Tape Above Ground: TM3 Mesh Membrane should finish at solid floor and ceiling junctions.

- Do not allow the product to dry on the surface or it ceases to work.

PLASTER FINISHING

Terrain TM3 Mesh Membrane can be finished in accordance with standard plastering techniques (BS 5492:1990) using proprietary lightweight plaster, such as Limelite Whitewall One Coat Plaster.

Coat 1 should be applied to fill the studs and cover the mesh. This is scratch finished and then allowed to set before applying a second coat, to a final overall thickness of 15 mm.

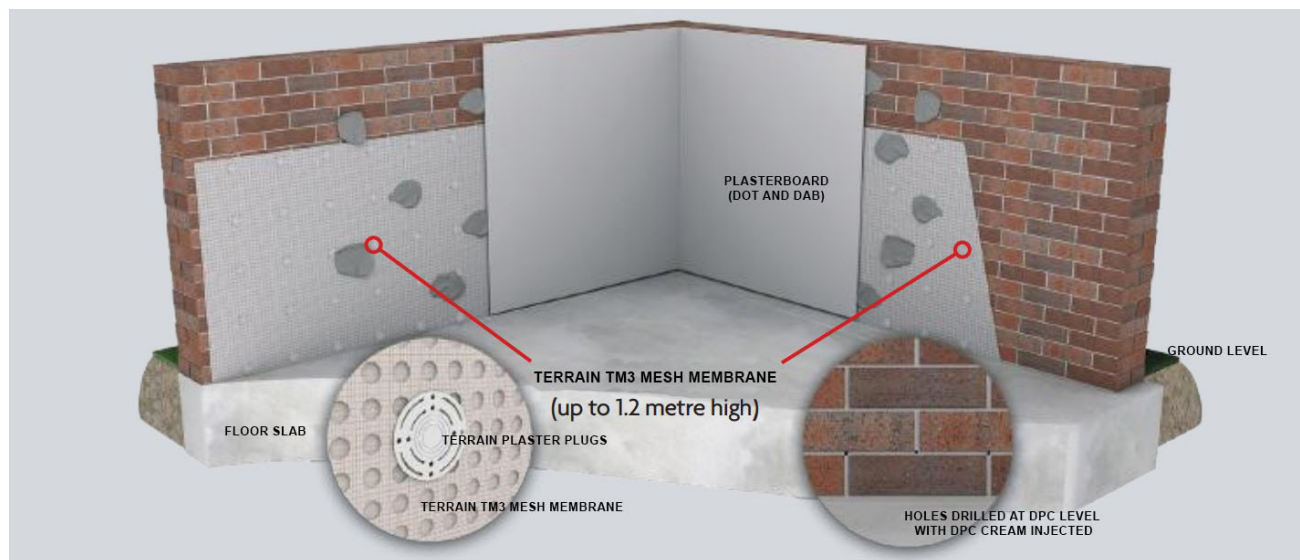
DRY LINING

Use a conventional bonding plaster in dabs, to a minimum thickness of 8 mm and covering at least 50% of the membrane surface area. After the plastered, dry-lined or rendered surface has dried, the surface can be painted or wallpapered using the traditional methods and materials without delay. Alternatively, a conventional 65 mm of sand and cement screed can be laid. Normal decorating materials can be used as soon as the floor, screed or plaster finishes are dry. While applying, ensure atmospheric moisture levels are below 70% RH. Impermeable floor finishes should not be laid until screed moisture content is below 75% RH.

AFTERCARE

Terrain TM3 Mesh membranes provide a dry, warm, and habitable living space in basements and other areas suffering from chronically damp conditions. However, it is equally important that areas which lack natural ventilation are provided with adequate means of condensation control, especially in wet areas such as kitchens, bathrooms etc. This is best achieved through the provision of an effective mechanical ventilation system.

Please consult the Kingfisher Technical Department for further advice.



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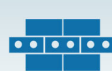
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Basement Waterproofing

Technical Data

Material
Unit Weight
Sheet Thickness
Stud Height
Colour
Water tightness 60 kPa;
Working Temperature
Softening Temperature
Tensile Strength MD
Tensile Strength CD
Resistance to Static Loading
Compressive Strength
Reaction to Fire
Type of Application Type
Life Expectancy

Result

HDPE
0.505 Kg/m²
0.6 mm
3 mm
Clear
24h Pass
-50°C to +80°C
126°C
416 N
488 N
>20 Kg
250 kN
Class F
V

Lifetime of Structure

Test Standards

N/A
N/A
N/A
N/A
N/A
EN 1928
N/A
N/A
BS 12311-2
BS 12311-2
BS 12730
BS EN ISO 25619-2
BS EN 13501-1
N/A

STORAGE & SHELF LIFE

Store in an upright position, under cover and away from high temperatures and open flames. Shelf life is the lifetime of the structure, when stored and installed in line with the datasheet recommendations.

HEALTH & SAFETY

No specific hazards are likely to arise while using any Terrain Waterproofing Membranes or ancillaries; neither are classified as hazardous in respect to CHIP II Regulations 1999. However, general precaution should be exercised in the use of drills etc. taking particular note of the special risks associated with working in confined spaces (basements) with restricted access/egress. Kingfisher Building Products always advise the use of appropriate PPE, including gloves, hard hat, goggles, high visibility jackets and steel toe cap boots. For further information and advice.

please contact the Kingfisher Technical Department and consult the Safety Data Sheet, which is available upon request. CALL OUR TECHNICAL SUPPORT TEAM ON 01229 869 100

The information given in this product data sheet is given in good faith, based on current knowledge and experience. It relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of the company's knowledge and belief, accurate as of the date indicated.

All recommendations are made without warranty or guarantee, as to accuracy, reliability, or completeness since the conditions of use are beyond our control. It is the user's responsibility to satisfy themselves as to the suitability and application of such information for their own use.