Dryrod® Damp-Proofing Rods

Product Description

Dryrod® Damp-Proofing Rods are patented, 12 mm diameter grooved rods that carry a powerful water-repellent material. The rods are inserted into pre-drilled 12 mm holes along the mortar lines of a building. The water-repellent material diffuses deeply into the damp masonry, curing to form a highly effective barrier to damp. This results in a damp-proof course which stops further rising damp from occurring and helps the wall to dry out.

Accreditations	
BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE 973383	WTA®

Benefits

- Consistent application due to controlled dosing of water repellent
- Simple application, just drill and insert rod (no specialist application equipment needed)
- Effective in both new (alkaline) and old (neutral) mortar.
- Can be applied in cold conditions
- Spillage and mess eliminated

Properties

Appearance	White, cog shaped solid fibre rod	
Size(s) & Packaging	Pack of 10 rods of 180 mm length and 12 mm diameter	
Coverage [1] (per 10 m of wall)	4.5" thick wall	42 rods
	9" thick wall	84 rods
Storage	Store flat and in a cool, dry, well ventilated place	
Shelf Life	12 months in unopened pack	

Application Information

The booklet “Rising Damp and its Control” gives an overview of identifying and remedying rising damp and is available from Safeguard Europe.

Preparation

Remove the existing damaged and salt contaminated plaster up to 1 m above the proposed DPC line or 30 cm above the highest visible line of the rising damp in accordance with BS 6576.

Application

Set an SDS drill to rotary hammer and select a 12 mm drill bit in excess of the required drill depth.

When treating from the outside, a row of holes should be drilled into the mortar course 120 mm apart and approximately 150 mm above the ground. When treating from the inside, the holes should typically be drilled into the lowest accessible mortar course. However, this depends on the height of the exterior ground level. Please contact our technical team for advice in relation to your project.

Depending on the thickness of the wall, mark the drill bit the following distances from the tip:

	Wall Thickness	
	4½" (115 mm)	9" (230 mm)
Depth of Drill Hole	95 mm	210 mm
Length of Dryrod®	90 mm	180 mm

[1] *For thicker walls or rubble in-fill we recommend the use of Dryzone® Damp Proofing Cream*

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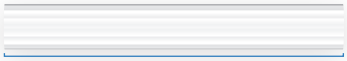
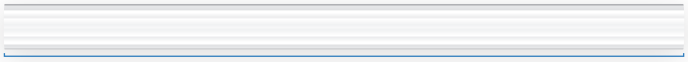
Drill the holes the necessary depth ensuring you reduce your drilling pressure once you reach 40 mm short of the full hole depth. Reducing pressure ensures a cleaner hole and prevents damage to the far side of the wall.

If necessary, re-drill the holes twice to remove any excess debris. If excess debris continues to obstruct full rod insertion the Dryzone® System Hole Clearing Tool can be used to ensure the hole is completely clear.



90 mm



180 mm

Wearing suitable gloves remove the rods one by one from the packet. Where necessary, e.g. 4.5" walls, cut the rods to the appropriate length using the Dryzone® System Rod Cutting Tool and insert them into each of the drill holes.

Ensure the rods are recessed approximately 5 mm from the brick face.

Number of **Dryrod® Damp-Proofing Rods** required to treat a 10 m long wall of various thicknesses:

	Wall Thickness	
Wall Length	4½" (115 mm)	9" (230 mm)
10 m	42 (CUT TO HALF LENGTH)	84

Post Application

Dryrod® Damp-Proofing Rods will typically cure to form a damp proof course over a period of 1 month. This may vary depending on site conditions such as high saturation, or low temperatures.

Replaster using a suitable damp-resistant plaster, such as a Dryzone® System Renovation plaster that will allow the wall to dry out following treatment. Gypsum plaster should not be used.

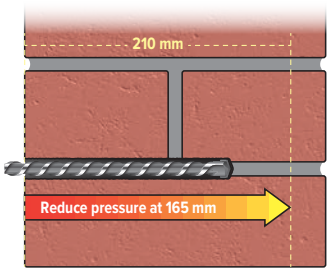
Other Information

For details see the Safety Datasheet (available upon request).

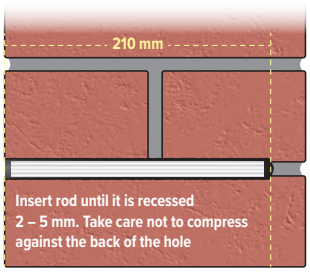
Dryrod® Damp-Proofing Rods are produced in accordance with ISO 9001 and ISO 14001 quality and environmental management systems.

Dryrod® Damp-Proofing Rods are non-hazardous to the environment.

How to Install Dryrod®



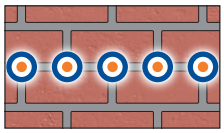
Drilling



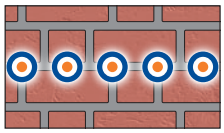
Insertion

Drilling Patterns

Stretcher Bond



Flemish Bond



Irregular Stone

Tools Required

SDS Drill (12 mm)

Dryrod® System Hole-Clearing Tool

Dryrod® System Rod-Cutting Tool

Information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that products, techniques and codes of practice are under constant review and changes occur without notice; please ensure you have the latest updated information.

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