Dryrod 1715010

Dryrod Damp Proofing Rods - User Manual

Model: 1715010

Introduction

Dryrod Damp Proofing Rods are an advanced solution for treating rising damp in masonry walls. These patented 12mm diameter rods contain a powerful water-repellent material designed to diffuse into the wall, forming a barrier against moisture. This manual provides comprehensive instructions for their effective installation and use.

Figure 1: Dryrod Damp Proofing Rods 50 Pack, showing the product packaging and individual rods.

Preparation and Safety

Before beginning installation, ensure the work area is clear and you have all necessary tools and safety equipment. Always wear appropriate personal protective equipment (PPE), including gloves and eye protection.

Required Tools:

- Hammer drill
- 12mm masonry drill bit (suitable for wall thickness)
- Hole clearing tool (e.g., Dryrod hole clearing tool or similar)
- Measuring tape
- Marker or chalk
- Gloves and eye protection
- Mortar or suitable filler for patching holes

Figure 2: Overview of the Dryrod installation process: Drill, Clear, Apply, Protect.

Installation (Operating Instructions)

Follow these steps carefully to ensure effective damp proofing:

1. **Identify the Mortar Course:** Locate the lowest continuous mortar course in the wall. This is typically where the damp proof course (DPC) should be installed.
2. **Drill Holes:** Using a hammer drill and a 12mm masonry drill bit, drill holes horizontally into the selected mortar course. Holes should be spaced approximately 120mm (4.7 inches) apart. The depth of the holes should be approximately 10mm (0.4 inches) less than the wall thickness. For example, for a 9-inch (230mm) wall, drill to a depth of 220mm.
3. **Clear Debris:** After drilling each hole, use a hole clearing tool or a suitable brush to remove all dust and debris from inside the hole. This ensures the Dryrod can be fully inserted and make proper contact with the masonry.
4. **Insert Dryrods:** Carefully insert the Dryrod Damp Proofing Rods into each cleaned hole. Ensure the rods are pushed in fully until they are flush with the wall surface or slightly recessed. For thicker walls (e.g., 9-inch walls), two rods may be required per hole, inserted end-to-end.
5. **Seal Holes:** Once all rods are inserted, fill the drilled holes with a suitable mortar or filler to seal them. This protects the rods and restores the wall's appearance.

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Video 1: Demonstration of Dryrod installation, showing the drilling of holes, clearing debris, and inserting the rods into a brick wall.

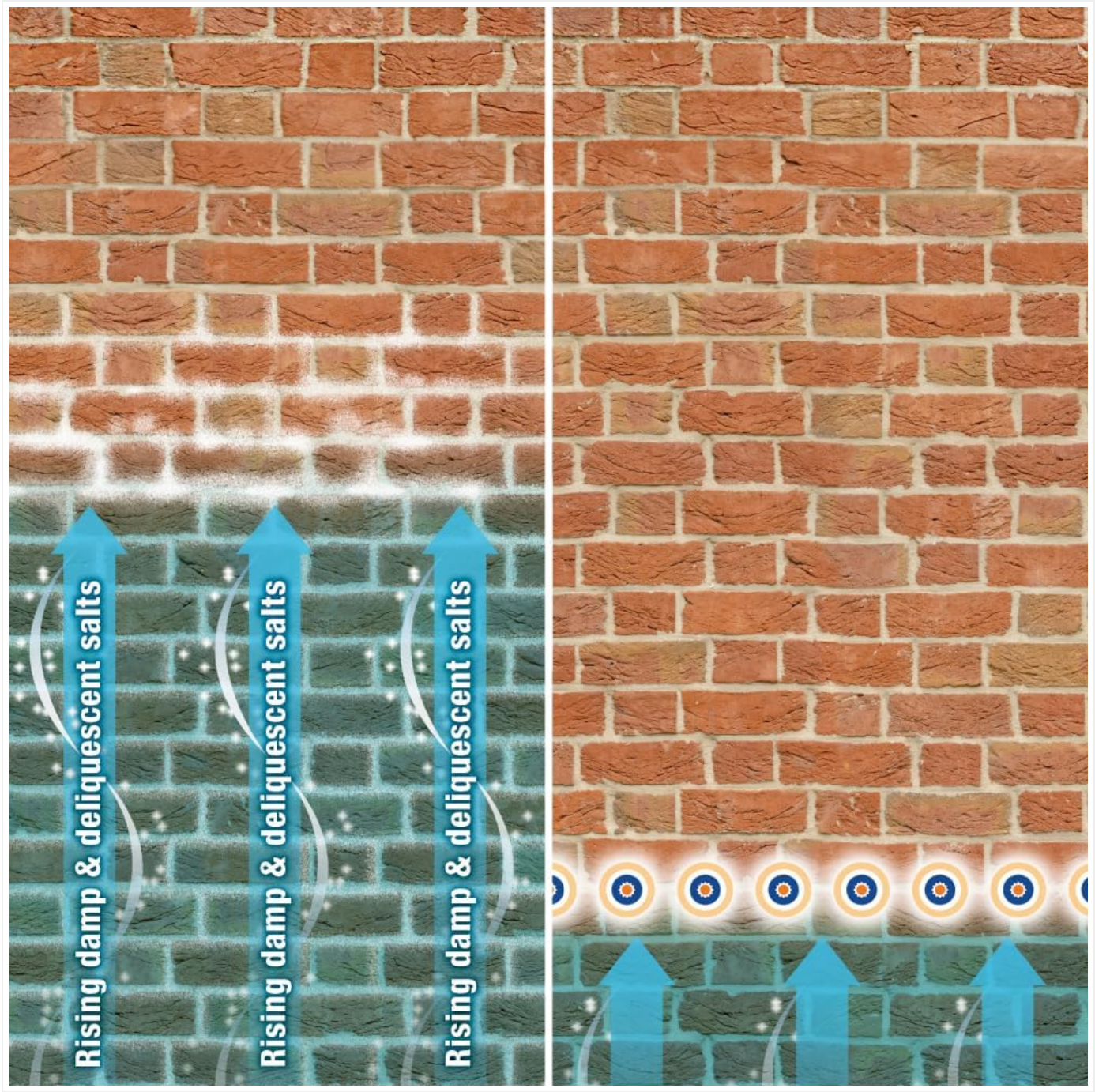

Figure 3: A Dryrod being inserted into a pre-drilled hole in the mortar course of a brick wall.

Post-Installation and Maintenance

After installation, the Dryrods will slowly diffuse their active ingredient into the masonry, forming a water-repellent barrier. This process can take several weeks to months, depending on the wall's moisture content and type. No specific ongoing maintenance is required for the rods themselves once installed.

It is important to address any other sources of moisture, such as leaking pipes, faulty gutters, or external ground levels, as Dryrods are specifically designed to treat rising damp from the ground.

Allow the wall to dry out naturally. Do not apply new plaster or finishes until the wall has sufficiently dried, which can be monitored using a moisture meter. Good ventilation in the treated area will aid the drying process.

Figure 4: Visual comparison of a wall before and after treatment with Dryrod, demonstrating the reduction in dampness.

Troubleshooting

Common Issues and Solutions:

- **Rods not inserting fully:** Ensure holes are drilled to the correct depth and thoroughly cleared of debris. The drill bit size must be exactly 12mm.
- **Dampness persists after treatment:** Drying out can take time. If dampness persists after several months, re-evaluate for other moisture sources (e.g., penetrating damp, condensation, leaks) not related to rising damp. Ensure correct installation spacing and depth.
- **Salt efflorescence on wall surface:** This is common as walls dry out. Salts can be brushed off once dry. Consider using a salt-resistant plaster or render system for re-plastering.

Figure 5: Illustration of rising damp and the effective barrier created by Dryrod treatment.

Specifications

Feature	Detail
Product Name	Dryrod Damp Proofing Rods
Model Number	1715010
Rod Diameter	12mm (0.48 inches)
Rod Length	9 inches (approx. 228mm)
Pack Size	50 Rods
Coverage (for 9" wall)	Approx. 19.5 ft (6 meters) per 50-pack

Active Ingredient	Silane/Siloxane based
Certification	BBA Approved
Manufacturer	Safeguard Europe

Warranty and Support

Dryrod Damp Proofing Rods are certified by the British Board of Agrément (BBA) to be effective against the ingress of moisture for at least 20 years when installed correctly. For specific warranty details or technical support, please refer to the manufacturer's official website or contact their customer service.

Manufacturer: Safeguard Europe Ltd.

Website: www.safeguardeurope.com

For further assistance, you may also visit the Dryrod Store on Amazon.