

Dryzone Dryzone 3x310ml

Dryzone Damp Proofing Cream (DPC)

INSTRUCTION MANUAL

Model: Dryzone 3x310ml

1. Introduction to Dryzone DPC

Dryzone Damp Proofing Cream is a high-strength, patented injection cream designed for the treatment of rising damp in masonry walls. Its unique formulation ensures effective spread throughout the mortar, creating a new damp-proof course. This manual provides detailed instructions for the proper application and use of Dryzone DPC to ensure optimal results.



Figure 1: Five 310ml tubes of Dryzone Damp Proofing Cream, supplied with application nozzles.

2. Product Features and Benefits

- **Proven Effectiveness:** The original patented damp-proofing injection cream, successfully used in over two million homes globally.

- **High-Powered Formulation:** Highly resistant formulation effective even in heavily saturated walls (up to 95% saturation).
- **Ease of Use:** Designed for easy, fast, and clean application, suitable for both DIY projects and large-scale damp-proofing jobs. No electric pumps or specialist equipment required.
- **Versatile Application:** Effective across a wide range of conditions and wall types, including old mortar, masonry, cavity walls, rubble walls, and single sheet construction.
- **Certified Performance:** BBA and WTA approved, rigorously tested for superior performance.



Figure 2: Visual comparison demonstrating the superior spread of Dryzone DPC Cream within masonry.

3. Safety Information

Always read the product label and Safety Data Sheet (SDS) before use. Adhere to the following safety precautions:

- **Personal Protective Equipment (PPE):** Wear appropriate gloves (e.g., nitrile or rubber) and eye protection (safety glasses or goggles) to prevent skin and eye contact.
- **Ventilation:** Ensure adequate ventilation in the work area.
- **Storage:** Store in a cool, dry place, away from direct sunlight and extreme temperatures. Keep out of reach of children and pets.
- **First Aid:** In case of contact, rinse immediately with plenty of water. If irritation persists, seek medical attention.
- **Disposal:** Dispose of empty containers and any unused product according to local regulations.

4. Preparation

Proper preparation is crucial for effective damp-proofing. Ensure the wall is prepared as follows:

- **Remove Obstructions:** Clear any skirting boards, plaster, or other obstructions from the wall area to be treated.
- **Clean Surface:** Ensure the wall surface is clean and free from loose debris, dust, or efflorescence.
- **Tools Required:** You will need a drill with an appropriate masonry bit (typically 12mm), a cleaning brush or air

pump to clear holes, a standard caulk gun, and a measuring tape.

5. Application Instructions

Follow these steps for the correct application of Dryzone Damp Proofing Cream:



Figure 3: Overview of the four-step application process.

1. Drill Holes:

Drill a series of 12mm diameter holes horizontally into the mortar course at the lowest practical level, typically 150mm above ground level. For solid walls, drill holes to within 20-30mm of the opposite face. For cavity walls, drill through the first leaf, across the cavity, and into the second leaf to within 20-30mm of its outer face. Space holes approximately 120mm apart.

2. Clear Holes:

Thoroughly clear all drilled holes of dust and debris using a brush or compressed air. This ensures maximum penetration and effectiveness of the cream.

3. Insert Cream:

Cut the end off the Dryzone DPC tube and attach the supplied application nozzle. Insert the tube into a standard caulk gun. Fully insert the nozzle into the drilled hole and inject the cream continuously until the hole is completely filled. Slowly withdraw the nozzle as you inject to ensure even filling.



Figure 4: Inserting the nozzle and using a caulk gun for cream injection.



Figure 5: The Dryzone DPC application nozzle.

4. Finish the Job:

Once all holes are filled, they can be sealed with mortar or a suitable filler. Allow the cream to diffuse and cure over time. Re-plastering can typically commence after the wall has had sufficient time to dry out, which can vary depending on the initial moisture content and environmental conditions.

6. Coverage Information

The coverage of Dryzone DPC depends on the wall thickness. For a standard 9-inch (225mm) solid brick wall, each 310ml tube of Dryzone will cover up to 1.7 linear meters. Adjust the quantity of tubes based on your wall dimensions and the total linear meters requiring treatment.

7. Maintenance

After application, monitor the treated area for signs of drying. Ensure good ventilation in the treated rooms to aid the drying process. Once the wall has dried, maintain good building practices to prevent future moisture ingress from other sources (e.g., leaking pipes, faulty gutters, condensation).

8. Troubleshooting

- **Application Difficulty:** If you find the cream difficult to inject, ensure the nozzle is fully inserted and that the caulk gun is functioning correctly. The cream's consistency is designed for optimal spread, but very cold temperatures can make it stiffer. Storing tubes at room temperature before use can help.
- **Dampness Persists:** If dampness persists after several weeks or months, re-evaluate the source of the damp. Rising damp treatment only addresses moisture rising from the ground. Other issues like penetrating damp, condensation, or leaks will require separate solutions. Ensure all holes were properly filled and spaced.

9. Product Specifications

Specification	Detail
Manufacturer	Safeguard Europe Ltd
Item Weight	3.64 pounds (for 5 tubes)
Product Dimensions	10 x 10 x 10.2 inches (approximate for package)
Country of Origin	United Kingdom
Item Model Number	Dryzone 3x310ml
Color	White
Batteries Required?	No

10. Certifications and Approvals

Dryzone Damp Proofing Cream has undergone extensive testing and holds various accreditations, ensuring its quality and performance:

- **BBA (British Board of Agrément) Approved:** Certified for its effectiveness as a physical DPC, even in saturated walls.
- **WTA (Wissenschaftlich-Technische Arbeitsgemeinschaft) Approved:** Verified for use in highly saturated masonry.
- **University of Portsmouth:** Performance validated through independent testing.
- **Other International Accreditations:** Including OFI (Austria), ITB (Poland), EMI (Hungary), and internal Safeguard Europe Ltd testing.



Figure 6: Various certifications and approvals for Dryzone DPC.

11. Storage and Disposal

- **Storage:** Store unopened tubes in their original packaging in a cool, dry, well-ventilated area, away from direct sunlight and frost. Recommended storage temperature is between 5°C and 25°C.
- **Disposal:** Dispose of empty containers and any residual product in accordance with local environmental regulations. Do not dispose of down drains or into watercourses.

12. Warranty Information

Dryzone Damp Proofing Cream is manufactured to high standards by Safeguard Europe Ltd. For specific warranty details, please refer to the manufacturer's official website or contact their customer support directly. Keep your proof of purchase for any warranty claims.

13. Contact and Support

For further assistance, technical advice, or inquiries regarding Dryzone Damp Proofing Cream, please contact Safeguard Europe Ltd. through their official channels. Detailed contact information can typically be found on the product packaging or their corporate website.

ASK A QUESTION ABOUT THIS MANUAL

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