

Dryshield Cream

Product Description

Dryshield Cream is a breathable, salt-resistant and water-repellent cream that acts as a primer for Drygrip Adhesive. It forms part of the Dryzone System for faster replastering after rising damp treatment.

When applied to walls contaminated with groundwater salts from rising damp, Dryshield functions by hydrophobing the surface and weakening the crystallisation strength of salts which may form in or at the masonry surface. The wall can dry out and potentially damaging salts are kept away from plasterboard and other decorative finishes.



Areas of Application

Priming masonry affected by rising damp after a Dryzone DPC has been installed. Use before installing plasterboard with Drygrip Adhesive over damp and salt-contaminated walls.

Benefits

- Breathable
- Long-lasting formulation
- Deeply penetrates brick, stone and mortar to form a durable bond
- Quick, one coat application by brush, roller or spray

Surface Preparation

All surfaces must be clean, sound and free of dust or laitance.

Application

1. Apply Dryshield to wall in a single coat, ideally using a large soft brush.
2. Make sure any holes and cracks are filled with cream and that all areas are coated evenly.
3. Allow Dryshield Cream to soak into the substrate for at least 30 minutes. Do not leave for more than 24 hours before applying Drygrip Adhesive.

For full instructions see the Dryzone System Application Guidelines. Patch trials are recommended before large scale application. If in doubt, please contact our Technical Department for advice.

Product Information

Dryshield Cream is available in 3 and 5 litre packs. One 3 litre pack covers up to 15m² and a 5 litre pack up to 25m², depending upon the unevenness and porosity of the substrate. (Application rate: 200g/m².) Protect against frost. Keep container tightly closed and store in a cool, well ventilated place.

Testing

Salts Test: Tested on Fletton bricks over salt solution containing sodium chloride, potassium nitrate and sodium sulphate to simulate rising damp. After 10 days no salts appeared through the layer of Dryshield cream and Drygrip adhesive. Moisture content of plasterboard in Dryzone System after 10 days testing over salts = 0.5 weight %.

Insulated plasterboard: The Dryzone System was tested with Ecotherm Ecoliner board. At the end of the test there was salt crystallisation in the brick but no transfer through to the insulated plasterboard. (See Photos 1 & 2.)



Photos 1 & 2: Left hand side shows the appearance during the test and the right afterwards with crystallising salts

Technical Data

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| Physical form | Paste |
| Density | 0.9 g/cm ³ |
| Colour | White to yellowish |
| Odour | Slight |
| Boiling point | 100°C |
| Flash point | 70°C (ISO 3679) |
| Water solubility/miscibility | Completely miscible at 20°C |

Health & Safety

Dryshield Cream has no hazchem classification. For more information see the Safety Datasheet (SDS).

Quality & Environment

Dryshield is produced in accordance with ISO 9001 and ISO 14001 quality and environmental management systems.

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