

Dryzone® Damp & Stain Seal

Product Description

Dryzone® Damp & Stain Seal is a high-performance interior coating designed to block damp stains and provide a durable base for decoration. This product allows for quick application of decorative finishes, preventing salt migration and subsequent staining. It can be applied to damp walls and ceilings but should be used as part of a broader system to address the underlying causes of damp.

Benefits

- **Stain blocking:** seals damp stains and prevents them from bleeding through subsequent decorative coats.
- **Quick drying:** can be left as a finish or overpainted within 4 hours, allowing for same-day redecoration or completion.
- **Multi-surface compatibility:** suitable for application on a variety of prepared, suitable interior surfaces, including plaster, stone, and cement.
- **Direct application:** can be applied directly to damp surfaces, allowing for quicker repairs to sound substrates.
- **High performance:** forms a durable, protective coating that reduces the need for further treatments when the source of damp is addressed.

Properties

Appearance	white paint
Composition	Solvent-based, highly pigmented acrylic
Viscosity	Viscous liquid
VOC Content	Very High (>50% w/v) (High odour)
Odour	Low solvent type
Solubility	Immiscible with water
Flash Point	~40°C
Coverage	5m ² per litre (approximately)
Drying Time	4 hours before redecoration
Suitable Surfaces	Interior walls and ceilings (prepared surfaces including plaster, cement, stone). Not suitable for exterior application onto any substrate.
Application Method	Brush or roller
Pack Sizes	500ml and 1 litre metal tins
Storage Conditions	Store in a cool, well-ventilated place
Shelf Life	3 years in sealed containers
Cleaning	White spirit or brush cleaner
Flammability	Flammable (Flash point ~40°C)
Breathable	No (non vapour permeable)



Application Information

Preparation

Before applying **Dryzone® Damp & Stain Seal**, ensure the source of the damp has been rectified to prevent reoccurrence. Open doors and windows to ensure the room is well ventilated. Remove wallpaper, flaking paint and/or any loose surface material. Fill any cracks or holes as necessary. The product can be applied to damp surfaces, but ensure they are not saturated or wet.

Ensure all surfaces are clean and free from any dust or loose material that may interfere with the adhesion of **Dryzone® Damp & Stain Seal**.

Application

Step 1: Address Underlying Damp Issues

Ensure the cause of damp has been properly addressed, whether it is rising damp, penetrating damp, or traumatic damp (e.g., due to leaks or flooding).

Rising damp should be treated with Dryrod® Damp-Proofing Rods or Dryzone® Damp-Proofing Cream.

For further details on treating rising damp and appropriate replastering systems, see Safeguard's comprehensive guide on rising damp control.

Penetrating damp can be addressed by rectifying external defects and applying protective treatments:

- **Repair Building Defects:** fix leaking gutters, downpipes, roofs, and seals around windows and doors to prevent water ingress.

- **Waterproof External Walls:** apply Stormdry® Masonry Protection Cream, a breathable water repellent, to protect porous masonry from rain penetration.
- **Repair Damaged Brickwork:** repoint damaged mortar joints and spalled bricks with Stormdry® Repointing Additives for enhanced durability.
- **Fix Internal Damp Issues:** treat or replace damp affected plaster and wood, using appropriate products such as Dryzone® Renovation Plasters and/or Soluguard timber treatment range products.

Traumatic damp: (e.g leaking pipes, windows, etc), ensure that any leaks or structural damage have been repaired before applying **Dryzone® Damp & Stain Seal**.

Step 2: Prepare the Substrate (If Required)

Where the substrate is salt-contaminated and/or damaged, treat appropriately in relation to the type of dampness. For example, where rising damp is present the guidelines contained within documents such as BS 6576:2005 +A1:2012 'The code of practice for diagnosis of rising damp in walls of buildings and installation of chemical damp proof courses' should be followed, including replastering with appropriate products such as Dryzone® Fast-Set Plaster or Dryzone® Damp Resistant Plaster, applying two coats to a minimum of 20 mm.

However, if the substrate is sound, and the underlying causes of dampness have been dealt with, Dryzone® Damp & Stain Seal can be applied directly, providing a decorative finish without concern for stains or salts appearing through the surface.

Step 3: Apply Dryzone Damp & Stain Seal

Stir well before use. Apply generously with a brush or roller over the affected area, plus about 30 cm beyond to ensure coverage. Avoid runs and ensure even application.

Coverage

- **Dryzone® Damp & Stain Seal** typically covers 5 m² per litre.
- Coverage rate is dependent on the texture and porosity of the substrate, and may vary.

Drying Time

Allow to dry for 4 hours if overcoating with paint or wallpaper. Drying times may vary depending on surface conditions such as temperature, humidity, and the texture of the substrate.

Cleaning of Tools

All equipment should be cleaned immediately after use with white spirit or brush cleaner. Remove as much product as possible before cleaning.

Maintenance

Further applications of **Dryzone® Damp & Stain Seal** should not be necessary. If staining reoccurs, this indicates that the underlying cause of the damp has not been fully rectified, and this should be addressed rather than reapplying this product.

Important Notes

- Always read the instructions carefully before use.
- Ensure proper ventilation during application.
- Do not use below ground level or on exterior surfaces.

Storage

Store in a cool, well-ventilated place away from heat and ignition sources. It is essential to avoid storing this product in locations or circumstances where temperature of 40 degrees c or greater could potentially occur. Keep containers upright and securely sealed. Shelf life in unopened containers is at least 3 years. Once opened, unused product can not be stored, and should be disposed of safely and legally: see 'Disposal' below. Avoid spillage during transport and storage.

Health & Safety

- Observe and follow all warnings and instructions on the label.
- Use in well-ventilated areas.
- Specific health and safety data sheets are available on request.

Flammability

- Flammable product with a flash point of approximately 40 °C.
- Keep away from ignition sources and avoid smoking during application.

Disposal

Do not empty leftover product into drains or watercourses. Check with your local authority for disposal regulations for waste coatings.

Other Information

For more information see the Safety Datasheet (SDS).

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