

## RAINSHIELD



### PRODUCT USES

Parapets and tops of freestanding walls.  
Nail heads.  
Cracked tiles and fibre cement roofs.  
Cement or concrete walls.  
Roof features.  
Flower pots.



### FEATURES AND BENEFITS

One step membrane free application.  
Fibre reinforced - bridges cracks of up to 2.0mm without the need for a waterproofing membrane.  
Water resistant.  
Flexible and crack resistant.  
Long lasting acrylic formulation.  
Can be top coated with most water based paints.



### PRODUCT INFORMATION

<b>Appearance</b>	Low Sheen
<b>Colour</b>	White and Light Grey
<b>Density at 23°C</b>	Approx. : 1.40 kg/L
<b>Solids Content</b>	By weight : Approx. 46% By volume : Approx. 59%
<b>Packaged Viscosity</b>	Viscosity at 23°C : Approx 100 KU pp
<b>Spreading Rate</b>	2 to 3m <sup>2</sup> per litre depending on surface porosity, profile and application method
<b>Recommended DFT per coat</b>	Min. 200µm. Max. 300µm.



### APPLICATION INFORMATION

<b>Application conditions</b>	Surface Temperature between 10 - 35°C Relative Humidity between 10 - 85 %
<b>Application methods</b>	Brush or roller
<b>Thinner</b>	Thinning not recommended Ready for use after thorough stirring
<b>Drying Time</b>	Touch dry 2 hours (Drying times will be extended during cold, wet or humid conditions)
<b>Recoating Time</b>	4 hours
<b>Cleaning of equipment</b>	Clean immediately with water
<b>Substrates</b>	Suitable for cement plaster, gypsum plaster, concrete, fibre cement, ceiling boards, PVC, metal and wooden surfaces provided that appropriate preparation and priming is carried out.

Membrane free, flexible fibre reinforced waterproofing paint for walls, roofs and parapets





## APPLICATION INFORMATION

### Precautions

Ensure that surfaces are sound and free from dust, dirt, grease and oil. Surfaces must be thoroughly dry - no more than 12% moisture content.

Do not apply during cold (below 10°C) or wet weather.

Do not apply directly to bare metal surfaces.

Not suitable for direct application to powdery or friable surfaces whether previously painted or not.

The fibres in **Dulux Rainshield** will create a slightly rippled finish.

### Coats Required

Apply two to three coats **Dulux Rainshield** to new surfaces to achieve crack-bridging and waterproofing thickness.

The total film thickness should not be below 100µm.

### Top Coating

Can be over coated with most Dulux decorative finishes.



## SURFACE PREPARATION

### NEW SURFACES

#### Cement Plaster Parapets, Wall Tops, Copings and Fibre Cement Roofs

It is recommended that fresh plaster should be allowed one week drying for every 5mm thickness; and longer in cold or damp weather.

The waterproofing system should be applied to the whole length of the area that is to be water proofed.

Apply up, over, and down wall tops/copings, and extend at least 25mm down the sides. To prevent capillary action (water cohesion) the waterproofing system must be worked well into the substrate.

#### Concrete

Remove any uncured cement, grease, and mould-release agents by high-pressure water blast, or wash with a strong solution of sugar soap. Rinse off thoroughly with clean water.

#### Galvanised Iron, Aluminium, and all non-ferrous metals

Clean and degrease with **Dulux Galvanised Iron Cleaner**. A water-break free surface indicates thorough cleaning - running water should not form droplets.

Prime with one coat **Dulux Galvanised Iron Primer**.

### PREVIOUSLY PAINTED SURFACES

#### Sound, not powdery

Wash down with water, and then follow with two finishing coats.

Sand enamel surfaces to a matt finish to aid adhesion and apply two finishing coats.

#### Old Paint in Poor Condition

Strip loose and flaking paint completely using high-pressure washing and spot prime bare areas with **Dulux Plaster Primer**.

Friable surfaces must be removed and repaired.

Mould instructions. To kill lichen and algae growth, scrub with one of the following solutions: either 4:1 water/HTH (chlorine), or 4:1 water/JIK (sodium hypochlorite). Ensure that the areas are completely saturated, and allow the solution to react for a minimum of 4 hours. Rinse the complete wall surface thoroughly with clean water.

#### Sound, not powdery

Wash down with water, then follow with two coats **Dulux Rainshield**. Enamel surfaces must be well sanded to aid adhesion.

### Powdery/chalky

Brush down thoroughly or wash with high pressure water.

Prime with **Dulux Bonding Liquid**. Apply **Dulux Rainshield** within 18 – 36 hours.

### CRACKED SURFACES

#### Hair cracks (-0.2mm) may just be sanded lightly.

Remove dust and debris.

Brush **Dulux Rainshield** well into the cracks with an old small brush to fill and bridge the cracks.

**Medium plaster cracks** (+0.2mm and -2mm) are to be raked out with a scraper blade.

Remove dust and debris.

Treat mould growth as specified above.

Rinse thoroughly with water and allow drying.

Brush a generous coat of **Dulux Rainshield** into and over the cracks. Ensure that the cracks are filled with **Dulux Rainshield** and allow to dry.

Repeat until the cracks are completely filled.

**For cracks larger than 2.0mm**, a waterproofing membrane is required. **Dulux Rainshield** can be used with these membranes as well.

Prepare the surface as specified under "Surface Preparation".

Apply a generous layer of **Dulux Rainshield**

Cut membrane to size and lay into the paint whilst still wet. Press in to remove any air pockets and to saturate the membrane with the paint. (Ensure that the membrane is cut and applied in a straight line along the side of the wall.)

Once dry, apply two further coats to seal off.

### FILLING

Fill all imperfections with the appropriate **Fixit** filler and spot prime filled areas with **Dulux Plaster Primer** once the crack filler has dried properly. Failure to do this will result in uneven sheen levels between the repaired and normal areas.

### OVERCOATING

**Dulux Rainshield** may be top coated with **Dulux Roofguard** or any premium acrylic based paint.



## HEALTH AND SAFETY INFORMATION

For detailed safety information refer to Material Safety Data Sheet.

Keep out of reach of children.

Ensure good ventilation during application and drying.

Non-flammable.



## ADDITIONAL INFORMATION

### Storage Conditions

Store under cool dry conditions.

### Disclaimers

Colour references are as accurate as printing will allow. Please refer to the in-store stripe cards/standard card, or on-shelf colour displays for an accurate representation of the colour. Among others, the following factors may affect final colour appearance: product sheen and texture, colour and light reflections, application, surface texture and preparation.

For best colour and sheen consistency, it is advisable to use containers of the same batch number, or to mix different batches together in a large container, or to finish in a corner before starting a new container.



20L



5L