

# All-new Dulux Weathershield Protect

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Beautiful afar, solid up-close.



## PRODUCT DESCRIPTION:

Dulux Weathershield Protect is a high quality, 100% acrylic based, smooth emulsion with superior all weather protection and excellent anti algal & fungal properties. Due to its higher Solar Reflective Index Value (SRI), it keeps the surface up to 5 degrees\* cooler.

Protect is suitable for new or previously painted exterior masonry surfaces such as brick works, plaster, cement, rendering and semi-permanent exterior surfaces.

Dulux Weathershield Protect is compliant with the requirements of Bureau of Indian Standards (IS 15489:2004) for exterior emulsion paints.

## PRODUCT FEATURES AND BENEFITS:



- ACTIVE Technology for superior algal and fungal resistance



- Sunreflect Technology™. Reduces exterior surface temperature by upto 5°



- 5 Years assured protection



- Superior binders that resist cracking & peeling



- All Weather Protection

## PRODUCT RELATED INFORMATION:

Film Composition:

Pigment: Light fast non-lead/chrome pigment

Binder: Pure Acrylic Emulsion

Solvent: Water

Volatile Organic Compound (VOC) level in White & Bases: 15-45 gm/litre

Gloss/Sheen Level: Mid Sheen

Flash Point (IS 101/1987, Part 1, Sec 6): Non-Flash

Stability of Thinned Paint: Use within 24 hours of thinning after mixing

Dry Film Thickness (Calculated): 65-80 microns at coverage of 50-60 sqft/litre

Practical Coverage:

The spreading capacity of this product will vary considerably according to the roughness and porosity of the surface.

- On smooth surface of low porosity: 50-60 sqft/litre/2coats

- On textured surface of low porosity: 30-50 sqft/litre/2coats

These figures are only an approximate guide.

Due to variation in different surfaces, the coverage may vary. It is recommended to do a coverage trial before finalizing the paint requirement.

Pack Size: Available in 1 L, 4 L, 10 L and 20 L

## APPLICATION RELATED INFORMATION:

Before application, read the safety, health and environmental information and the precautions given below.

### Application Tool:

Suitable for application by brush or roller.

### Surface Preparation:



- Freshly plastered surfaces must be allowed to cure completely. It is recommended to allow at least 12 weeks as the curing time for new masonry surfaces.



- Ensure surface is thoroughly clean, dry and free from all loose dirt, chalk, grease, fungi, algae and flaking paint. This can be achieved by brushing with a wire/stiff coir brush, followed by water jetting if required.



- Dry sanding, flame cutting and/or welding of the dry paint film may give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used. If after thoroughly cleaning the surface, it still exhibits chalkiness, the surface should be coated with Dulux Weathershield Alkali Bloc Primer (326000). For areas severely affected by algae or fungus, application of ICI Pre-Treatment coat is recommended.



- Fill up all minor cracks and defects with cement and sand mixture in the ratio 1:3. Avoid application of putty or filling compound.
- Weathershield Protect should not be applied to the surfaces or substrates which are exposed to continuous seepage or dampness. For best adhesion performance, the moisture content in the wall should not exceed 10%.

### Priming Coat Application:



- Application of putty is not recommended. Apply one self-priming coat or one coat of Duwel Exterior Acrylic Primer (327000) or Dulux Weathershield Alkali Bloc Primer (326000) after thinning with water in the ratio of 1:1 by volume. For best performance, self-priming or Weathershield Alkali Bloc is recommended, especially in case of surfaces that exhibit chalkiness post cleaning or are prone to efflorescence.



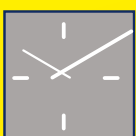
### Dilution:

- Dilute 1L of paint with 400-500 ml of water for brush application. For roller, dilute with 300ml water. In case of dark colours, dilute 1L of paint with a maximum of 250ml of water. (An additional coat may be required for full opacity)



### Finishing:

- Stir thoroughly before use. Apply 2-3 coats of Dulux Weathershield Protect with 4-6 hours between coats. An additional coat should be applied in case of horizontal surfaces like the top of windows, ledges, parapet wall, etc.



### Drying Time: (Single coat at standard thickness)

- Touch Dry: Upto 30 mins.
  - Recoat: 4-6 hours.
- Drying time may vary according to temperature and humidity. For instance, drying time will be significantly longer in cool and damp conditions.

## **SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION:**

- Store in a cool, dry and well ventilated place, away from sources of heat, ignition and direct sunlight. Keep the container tightly closed. Keep out of the reach of children and away from food, drinks and animal feed.
- If swallowed, seek medical advice immediately and show this container or label.
- Avoid contact with Skin or Eyes. Wear suitable gloves.
- After contact with skin, wash immediately with soap and water or a proprietary skin cleanser. Do not use solvent thinners or white spirits. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Use only in well ventilated areas. Do not breathe gas/fumes/vapour/spray.
- Remove as much paint as possible from brushes and rollers before cleaning.
- May cause an allergic skin reaction. May cause sensitisation by skin contact.
- Contain spillages using earth or sand.
- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Do not empty into drains. Dispose of contents and container in accordance with all local, regional, national or international regulations.
- Do not use the empty containers for storing food.
- Avoid release to the environment. Refer to special instructions/Safety Data Sheet.
- No added Lead, Mercury or Chromium compounds.
- Lift with care – gross weight may exceed 10 kg.

## **PRECAUTIONS:**

- Do not apply when ambient temperature is less than 10°C or if the temperature might drop to this level within 4 hrs of application.
- Do not apply during wet weather.
- Do not overthin or overextend the brush.
- Do not use universal stainers or any other colourants.
- Stir thoroughly before use.

## **CONTACT US:**

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Note: The information provided above may change without prior notice.