

#### SAFETY HEALTH AND ENVIRONMENTAL INFORMATION:

- Store in cool dry 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, drink 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. 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

#### 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

#### POST APPLICATION PRECAUTIONS:

- For best performance of the paint, ensure proper washing & cleaning of the painted surface at regular interval of six months.

Full test report conducted by BSD (Building System & Diagnostics Pte Ltd) available upon request.

The amount of heat reflecting is colour dependent. Lighter colours will always deliver cooler effect. The lighter the shade the higher the amount of heat reflection, the lower the exterior surface temperature. Dulux Weathershield is proven to be more effective in heat reflection and lowering surface temperature than conventional paints.

The test was carried out on computer simulation for a typical 15-storey high rise apartment. Energy savings of up to 10% per annum for a typical 15-storey high rise apartment and 15% per annum for a typical bungalow.

Calculation based on tariff rate of the year 2009 at S\$0.2169/KWh.

Total Solar Reflectance (%) refers to the total solar radiation that is being reflected away from the surface.

Applicable for selected colours

#### **For consumers complaints contact:**

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# AQUA TECH

## INTRODUCING THE NEW WATERPROOFING RANGE FROM DULUX

### DULUX AQUATECH WATERPROOF BASECOAT



**AkzoNobel**





## PRODUCT DESCRIPTION:

A high quality waterproofing coating that provides high water resistance. Its unique Damp Resist Technology forms a tough film that prevents water seepage, bridges cracks and prevents fungal attacks.

## PRODUCT FEATURES AND BENEFITS:

Damp Resist Technology forms a tough film that prevents water seepage, bridges cracks and prevents fungal attacks.



Superior Waterproofing Protection of upto 8 years.



Strong reinforcing polypropylene fibre network\*



Very elastic latex film that covers hair line cracks\*



Reduces Exterior surface temperature by upto 5 deg with Dulux Weathershield topcoat\*



Simple & quick usages\*

\*All claims are made against general exterior topcoats and subject to condition that application method and precautions are followed.

## PRODUCT RELATED INFORMATION:

### Film Composition:

Pigment	: Light fast Non-Lead/Chrome pigment
Binder	: Acrylic Co-Polymer Latex
Solvent	: Water
Volatile organic compound (VOC) level	: 15-45gm/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)	: 110 -130 microns on sidewalls for the coverage of 30-35 sft/L

### Practical Coverage

### On Side Wall application

: The spreading capacity of this product will vary considerably according to the roughness and porosity of the surface.  
: 30-35 sft/L for recommended system.

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, 4 and 20 liters

### Shelf Life

: 3 years from the Date of Manufacturing in the original sealed condition. Store under cover, away from direct sunlight and protect from extreme temperature. In hot temperature conditions, it must be stored in a temperature-controlled environment i.e. less than 30°C

## APPLICATION RELATED INFORMATION:

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

Application Tool: Suitable for application by roller, brush etc.

### 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, oily substances, 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.
- For areas severely affected by algae or fungus application of Dulux Aquatech Pre Treatment Coat is recommended.
- Fill up all minor cracks and defects with Dulux Aquatech Crack Fillers (5mm, 10mm & 20mm) according to the crack size and depth. Avoid application of putty or filling compounds.



### Side Wall Application:

- Clean the side walls properly as per recommendation.
- Apply 1 coat priming of Dulux Weathershield Alkali Bloc primer/Dulux Weathershield Crack Bridging primer/Dulux Professional Weathershield E1000 Sealer as per recommended dilution or a self-priming coat of Dulux Aquatech Waterproof Basecoat with 30 % dilution.
- Post Drying apply 1 coat of Dulux Aquatech Waterproof Basecoat without dilution and allow for 6-8hrs of drying.
- Post Drying apply 2 coats of Dulux Weathershield Powerflexx or Dulux Professional WS Flexx or Dulux Weathershield Max or Dulux Professional WS Elastomeric or Dulux Weathershield Protect or Dulux Professional WS E1000, with 20-30 % dilution.
- Please ensure 6-8 hours of drying between the 2 coats. Proper film thickness is essential for the water proofing. Therefore it is important that Dulux Weathershield Powerflexx or Dulux Professional WS Flexx or Dulux Weathershield Max or Dulux Professional WS Elastomeric or Dulux Weathershield Protect or Dulux Professional WS E1000 Coverage shouldn't exceed 40-55 sq.ft/Lit.
- If recommended coverage is not achieved additional coat must be applied for desired performance.



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

- Touch Dry: 30-45 Mins.
  - Recoat: 6-8 hours.
- Drying time may vary according to temperature and humidity. For instance, drying time will be significantly longer in cool and damp conditions.



## POWERFLEXX DAMPRESIST SYSTEM



## PROTECT DAMPRESIST SYSTEM

