



#### PRODUCT DESCRIPTION:

Dulux Aquatech Roof Waterproof is a super durable, easy to apply, thick and elastomeric roof coating that is made with fine pigments and an extremely durable high bond polymer that provides ultimate water barrier membrane on roofs strengthened with excellent DPUR and Flexibility. It also helps in reducing the surface temperature by upto 10 degree C.

#### PRODUCT FEATURES AND BENEFITS:



**Superior protection specially designed for roof waterproofing\***



**Provides protection for up to 10 years from water leakage**



**Provides crack bridging up to 2mm**



**Provides foot trafficable roofs without any major civil works\***



**Multi surface adhesion-concrete, china chips, mosaic tiles, brickbat coba**



**Simple & quick usages\***



**Reduces the surface temperature upto 10 Deg\***



**Available in White, Grey & Terracotta**



**Anti-Carbonation: Prevents diffusion of Carbon Dioxide and chloride ions**



Hydroresist Technology bridges cracks and covers the porous wall surface with a thick protective film, preventing water seepage, carbonation and fungal attacks

All claims are made against general exterior topcoats and subject to condition that application method and precautions are followed.  
\*SunReflect is applicable for terrace application and only for White shade

#### PRODUCT RELATED INFORMATION:

Pigment : Light Fast Non-lead/Chrome Pigments  
Binder : Acrylic Co-Polymer Binder  
Solvent : Water

**Volatile organic compound (VOC):** 15-45 gm/litre

**Gloss/Sheen Level:** Soft Sheen

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

**Stability of Opened container:** Use within 1 week of opening

##### Practical Coverage:

The forced coverage to be achieved for a proper water proofing solution is 8-10 sqft/lit/3 coats (including the priming coat)

#### TECHNICAL DATA

**Density :** 1.26±0.02 gm/cm<sup>3</sup>

**Min. layer thickness:** 600-800 µ

**pH :** 8-9.5

**Drying time:** 5-6 hours per coat

**Min. temp. for use :** 10°C

**Max. surface temp for use :** 40°C

##### Pack Size:

Available in 1, 4, 10 and 20 litres

##### 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:

Brush and/or Roller (medium pile)

##### Application Area:

Roof and terrace (concrete, china chips, mosaic tiles, brickbat coba)



##### Surface Preparation:

- Freshly plastered surfaces must be allowed to cure completely. It is recommended to allow at least 28 days for new surfaces for curing.
- Ensure surface is thoroughly clean, dry and free from all loose dirt, chalk, grease, fungi and algae. This can be achieved by brushing with a wire/stiff coir brush, followed by water jetting if required.
- Bituminous coating applied prior to this should be scraped off completely.
- Check the surface properly for any loosely held plaster surfaces. Dents and other cracks should be filled using suitable repair mortar. Fill up all minor cracks and defects with suitable Dulux Aquatech Crack fillers (5mm, 10mm and 20mm) according to the crack size and depth, or cement and sand mixture in the ratio 1:3. Avoid application of putty or filling compound.
- Ensure uniform slope to the surface.
- For areas severely affected by algae or fungus application of Dulux Aquatech Pre-Treatment coat is recommended.



##### Application:

- Clean the roof and parapet surface thoroughly as explained above. Apply a self-priming coat of Dulux Aquatech Roof Waterproof over the dried surface by diluting with water up to 30%.
- Apply first coat of undiluted Aquatech Roof Waterproof using brush or roller on roof and parapet surface. Allow the surface to dry for 5-6 hours.
- Apply the second coat of Dulux Aquatech Roof Waterproof at 90° to the first coat application.
- Achieving a proper DFT is very important for water proofing. Therefore, achieve a forced coverage of 8-10 sqft/litre. If forced coverage is not achieved apply an additional coat of Dulux Aquatech Roof Waterproof.
- Allow the system to cure for 7 days before carrying out any adhesion tests.
- To ensure optimum waterproofing performance, the entire roof including parapets even if it is a joint parapet wall, drainage slope of the roof and sunken floors will be covered with the coating. Extra care needs to be taken in areas with joints and water spouts since any crack or fissure of any nature will give rise to ingress of water which in turn will deter the desired performance of the paint.
- Total thickness to be achieved is 800 - 1000 microns.



##### Maintenance:

- Any horizontal surface will have dirt accumulation. In order to maintain/clean the surface it is essential that only soft cleaning is done. Clean the terrace after 3 months to remove the accumulated dust.
- DO NOT use wire brushes or any other hard cleaning tools over the Dulux Aquatech Roof Waterproof painted surface.
- Check for adhesion loss after a year.
- In areas where adhesion loss occurs, remove the coat extending 1 feet. Follow the regular procedure of roof coating.
- Do not use sharp or pointed objects on the coating as they may rip them off. Normal foot traffic is permissible.
- Do not use strong bleaching agents or acids to clean the surface.
- Overflow pipes for the water tanks need to be grounded properly so as to ensure the proper water runoff from the surface.

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

- Touch Dry : Up to 2 hour
  - Complete dry : 5-6 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:**

- No added Lead, Mercury and chromium compounds
- Lead content in dried paint film does not exceed 90 parts per million
- Treatments such as sanding, burning off etc. of paint films may generate hazardous dust and/or fumes. Wet sanding/ flatting should be used wherever possible. Work in well ventilated areas. Use suitable personal protection equipment
- Wear Eye & Hand Protection
- Do not breathe vapour / spray
- Remove as much paint as possible from brushes & rollers before cleaning
- Keep out of the reach of children
- Avoid release to environment. Collect spillage
- If swallowed seek medical advice immediately and show this container or label
- Do not empty into drains or water course
- Keep away from food, drinks and animal feeds
- Container must be in secure, upright position and be tightly closed. Don't use empty container for food storage
- In case of contact with skin wash immediately with soap and water or a proprietary skin cleanser. Do not use solvent thinners
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- Remove as much paint as possible from brushes and rollers before cleaning
- Use only in well ventilated areas
- Safety data sheet available for professional users on request
- 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. Similarly, in case of extremely hot conditions where the surface temperature is more than 40°C, do not apply the product. Cool down the surface temperature by watering the area and then apply
- The product is not suitable for permanently wet surfaces/ areas
- Do not apply during wet weather
- Mix thoroughly before use
- Store in a cool and dry place
- Do not overthin or overextend the brush
- Do not use Universal stainers or any other colourants

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

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# **ULTIMATE WATER DEFENCE JUST GOT STRONGER**

**WITH ROOF WATERPROOF**



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