

Dulux Aquashield Waterproof Roofcoat



USAGE

Dulux Aquashield Waterproof Roofcoat is a super durable, easy to apply, elastomeric roof coating with HydroResist Technology™. It is made with fine pigments and an extremely durable high bond polymer that provides ultimate water barrier membrane on roofs combined with good dirt pick-up resistance and flexibility to keep the surface cool.

Other Properties

Advance Crack Guard, Foot Trafficable, Multi-Surface Adhesion, Low Odour and Low VOC, No Added Lead or Mercury, Singapore Green Label Certified

PACK SIZE

4 L, 16 L

COLOUR RANGE

White

Composition (Nominal)

Pigment: Lightfast Non-Lead/Chrome Pigments
Binder: Acrylic Co-Polymer Binder
Solvent: Water

VOLUME SOLIDS

White 42% (nominal)

DRYING TIMES

Single coat at standard thickness

Touch Dry

Dependent on temperature and humidity

Recoat

5-6 hours, depends on weather condition.

FILM THICKNESS /LITRE/COAT

DFT: 600-800 micrometers

PRACTICAL COVERAGE

The forced coverage to be achieved for a proper waterproofing solution is 0.7-0.9 m²/Liter/3 coats

APPLICATION:

Brush



THINNING

Self Priming coat: 30 % Dilution, 1st & 2nd coat undiluted

CLEANING UP

Clean all equipment with clean water immediately after use

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 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 Aquashield Pre Treatment coat is recommended.

APPLICATION:

- Clean the roof and parapet surface thoroughly as explained above. Apply a self-priming coat of Dulux Aquashield Waterproof Roofcoat over the dried surface by diluting with water up to 30%.
- Apply first coat of undiluted Aquashield Waterproof Roofcoat using brush on roof and parapet surface. Allow the surface to dry for 5-6 hours.
- Apply the second coat of Dulux Aquashield Waterproofing Roof at 90° (angle) to the first coat application.
- Achieving a proper DFT is very important for water proofing. Therefore, achieve a forced coverage of 0.7-0.9 m²/l/3 coats. If forced coverage is not achieved apply an additional coat of Dulux Aquashield Waterproof Roofcoat.
- 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 have to 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 coating.
- Total dry film thickness to be achieved is 600-800 micrometers.

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 Aquashield Waterproof Roofcoat painted surface.
- Check for adhesion loss after a year.
- In areas where adhesion loss occurs, remove the coat extending 1 foot. Follow the regular procedure
- 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 to ensure the proper water runoff from the surface.

Note: Do not apply Dulux Aquashield Waterproof Roofcoat during wet weather.

SAFETY, HEALTH AND ENVIRONMENT INFORMATION

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.

Lift with care – gross weight exceeds 10kg

Wear eye/ hand protection. Do not breathe vapors/spray. Use only in well-ventilated areas. Remove as much paints as possible from brushes and rollers before cleaning. Avoid release to the environment. Collect spillage. Keep away from food, drinks and animal feed. Store in a cool and shaded place. Container must be in a secure, upright position and be tightly closed. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of contact with skin wash immediately with soap and water or a proprietary skin cleanser. Do not use solvents or thinners. Do not empty into water course. Safety data sheet available for professional/ user on request.



WARNING

Hazard Statements

May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

Precautionary Statements

Keep out of reach of children. If medical advice is needed, have product container or label at hand. Do not get in eyes, on skin, or on clothing. Call a POISON CENTER or doctor if you feel unwell. Dispose of contents and container in accordance with all local, regional, national or international regulations.