

# Dulux Waterproof Roof A959

<b>Typical Uses</b>	As a waterproof coat to be applied on exterior roofs or wall surfaces								
<b>Advantages</b>	<p><b>Waterproof and weather-resistance</b></p> <ul style="list-style-type: none"> <li>• Contains FIBRADO waterproof fibres to prevent accumulated water from entering the floor level</li> <li>• Weather-resistant and durable</li> <li>• Reduce heat absorption and interior temperature by 5.5 degrees Celsius with the Sunreflect technology*</li> <li>• Easy application and maintenance</li> </ul>								
<b>Pack Size</b>	3.6L & 18L								
<b>Colour Range</b>	White, Silver-grey, Soft Blue, Light Green								
<b>Finish</b>	Semi Gloss								
<b>Composition</b>	Acrylic Latex, Titanium Dioxide, Waterproof Fiber, Mineral Extender, Water								
<b>Weight Solid</b>	Over 45%								
<b>Theoretical Coverage</b>	Theoretically, 1 litre of this product can cover 1 sqm in 2 coats. Apply in 2 coats to achieve effective coating thickness of 360um when combined with using <b>Dulux Waterproof Coat A640</b> . Coverage will vary considerably depending on application methods, surface roughness and porosity.								
<b>Coat Resistances</b>									
- <i>Elongation</i>	Over 500%, passed elongation test under ASTM D412-06ae2 standard.								
- <i>Alkali-resistance</i>	The coat does not show any wrinkle, crack, swelling or spalling in 72-hour immersion in an alkaline liquid, passed CNS 4940 alkali-resistance test standard.								
- <i>Water-resistance</i>	The coat does not show any wrinkle, crack, swelling or spalling in 72-hour immersion in water, passed CNS 4940 waterproofing test standard.								
- <i>Washability</i>	The coat does not show any wear down after over 2,000 times of scrubbing under CNS 4940 washability test standard.								
<b>Application Substrates</b>	Old and new cement surfaces, PU, smooth concrete surfaces, heat-insulation bricks, tiles, corrugated sheets, etc.								
<b>Surface Preparation</b>									
- <i>Elimination of Old Coats</i>	Thorough clearing of gravels, old coat or other dirty foreign bodies. Waterproofing works can then be carried out upon drying.								
- <i>Filling in Gaps or Pits</i>	Dulux Waterproof Roof should be thoroughly mixed with sand in 2:1 to fill in the visible gaps and pits on the floor or wall surface.								
- <i>Scupper Protection</i>	The roof scuppers should be sealed with plastic tape to prevent blockage during application.								
<b>Painting System</b>									
- <i>Exterior Waterproofing</i>	<table border="1"> <thead> <tr> <th>Number of Coats</th> <th>Thinning</th> </tr> </thead> <tbody> <tr> <td>Primer (1 coat)</td> <td><b>Dulux Exterior Waterproof Sealer A930-58160</b>: 1:1 dilution with water is recommended when applying on cement surfaces. For powdery surfaces, applying in two coats is recommended to enhance its permeability and adherent power. No thinning is required when applying on non-water-absorbent surfaces such as tiles.</td> </tr> <tr> <td>Top coat (2 coats)</td> <td><b>Dulux Waterproof Roof A959</b>: No thinning is required.</td> </tr> <tr> <td>Last protective coat (1 coat)</td> <td><b>Dulux Waterproof Coat A640</b>: No thinning is required.</td> </tr> </tbody> </table> <p>(Thinning of this product would affect its coating thickness and coverage power, which may in turn increase the number of applications needed and alter the time required for drying).</p>	Number of Coats	Thinning	Primer (1 coat)	<b>Dulux Exterior Waterproof Sealer A930-58160</b> : 1:1 dilution with water is recommended when applying on cement surfaces. For powdery surfaces, applying in two coats is recommended to enhance its permeability and adherent power. No thinning is required when applying on non-water-absorbent surfaces such as tiles.	Top coat (2 coats)	<b>Dulux Waterproof Roof A959</b> : No thinning is required.	Last protective coat (1 coat)	<b>Dulux Waterproof Coat A640</b> : No thinning is required.
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Last protective coat (1 coat)	<b>Dulux Waterproof Coat A640</b> : No thinning is required.								

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## Application

- Applied by roller is recommended.
- Carry out the works on successive sunny days to allow the coat to dry thoroughly and ensure good quality.
- The waterproof coat should attain a sufficient thickness for achieving the perfect waterproofing results.
- To achieve the best waterproofing effects, waterproof protection should be carried out on the fence walls as well. Application needs to be particularly enhanced in respect of corners on the topmost floor, which are usually the points of water leakage.
- The application orientation for the first coat should be perpendicular to that for the second coat, such that the closely interconnecting, interweaving fibre network will strengthen the effect of water isolation.

## Cleaning Up

Immediate washing of all works equipment with water upon completion of works.

## Drying Time

### - Recoat

At a room temperature of 29°C, a time interval of approximately 6 hours should be maintained between each of the procedures of gap-filling, base coat and top coat applications.

### - Thorough Drying

Theoretically, the coating molecules will not have sufficient time for fully cure until 10 days after application. The surface should not be treaded upon and no objects should be placed thereon within 10 days upon completion of the application, so as to avoid damage of the coating during the formation of its waterproof layer. The surface will become available for normal use at the end of the 10-day period.

(The time required for drying may be subject to ventilation conditions, thickness of coats, ratio of dilution, ambient humidity, type of substrates and other environmental factors.)

## Safety, Health and Environmental Information

- Keep container tightly close and out of reach of children.
- A suitable cartridge mask should be worn when rubbing down.
- Ensure good ventilation during application and drying.
- Do not breathe vapour/spray.
- In case of insufficient ventilation during spraying wear suitable respiratory equipment.
- All respiratory equipment must meet (NOISH/MSHA) approved standard.
- When applying paint it is advisable to wear suitable eye protection.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Remove splashes from skin: use soap and water or a recognised skin cleaner.
- If swallowed seek medical advice immediately and show this container or label.
- Care must be taken when transporting paint. Keep container in a secure upright position.
- Protect from extremes of temperature. Store in a cool place.
- In the event of an accident, contain and collect spillage using sand or earth. Do not empty into drains or water courses. Dispose of any paint waste in accordance with local environmental regulations.

(PLEASE REQUEST PRODUCT SAFETY DATA SHEET FROM PRODUCT DEALER AND REFER TO IT BEFORE USE.)

Type of Regulated Paint under the Air Pollution Control (Volatile Organic Compounds) Regulation of Hong Kong: [Roof coatings]  
VOC content (ready to use) = <10 gm/litre

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