



DULUX AQUATECH™ MAX WATERPROOFING
 PREMIUM WATERPROOFING
 WATER BASED

PRODUCT INFORMATION

PRODUCT NAME	Dulux Aquatech™ Max Waterproofing
PRODUCT CODE	A1510282 Line
DESCRIPTION	Dulux Aquatech™ Max Waterproofing is a super durable, easy to apply, thick and elastomeric waterproof coating that is made with fine pigments and extremely durable high bond polymer. Its breakthrough Hydroresist technology forms an impenetrable tough yet flexible barrier film over porous surfaces to bridge cracks and to prevent water seepage and fungal attacks.
USAGE	Suitable to be used for areas that require special waterproofing like flat roofs, balconies, RC gutters and planter boxes, floor slabs, decks, external walls and interior floors under tile.
BENEFITS	Excellent waterproofing - provides protection from water leakage Advance crack guard - provides crack bridging up to 2mm Foot trafficable - develops a tough film which can handle the abrasion due to foot trafficability
PACK SIZE	5kg and 20kg
COLOUR RANGE	Available in White & Grey colours

PERFORMANCE GUIDE

FILM PROPERTIES	<table> <tr> <td>Tensile strength (ASTM D412)</td> <td>1.5 - 2.0 mPa</td> </tr> <tr> <td>Elongation at break (ASTM D412)</td> <td>500 - 600%</td> </tr> <tr> <td>Adhesion strength (ASTM D4541)</td> <td>1.5 - 2.0 N/mm²</td> </tr> <tr> <td>Crack bridging (ASTM C836, adopted)</td> <td>> 2mm (no break)</td> </tr> <tr> <td>Water vapour transmission (ASTM D1653)</td> <td>18 - 22 g/m²/24h</td> </tr> </table> <p>Note: Test specification results are based on recommended product DFT</p>	Tensile strength (ASTM D412)	1.5 - 2.0 mPa	Elongation at break (ASTM D412)	500 - 600%	Adhesion strength (ASTM D4541)	1.5 - 2.0 N/mm ²	Crack bridging (ASTM C836, adopted)	> 2mm (no break)	Water vapour transmission (ASTM D1653)	18 - 22 g/m ² /24h
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PRACTICAL COVERAGE	<p>The forced coverage to be achieved for a proper waterproofing solution is 1.2-1.4kg/m² for 3 coats (including priming coat). If forced coverage is not achieved apply an additional coat of Dulux Aquatech Max Waterproofing</p> <p>* Min. DFT 600-800um is recommended for proper waterproofing</p>										

PRODUCT DATA

COMPOSITION (nominal)	Pigment : Lightfast non-lead pigments and mineral extenders Binder : Acrylic Copolymer Solvent : Water
SOLID CONTENT	60% (nominal)

APPLICATION

THINNING Brush or Roller	Self-priming coat by diluting with water up to 30% No dilution required for subsequent coats
DRYING TIMES Self-Priming Coat Recoat (Min. 2 Coats)	Single coat at standard thickness: 4-6 hours 4-6 hours per coat Leave to dry for a minimum of 24 hours. Dependant on the temperature & humidity.
CLEANING EQUIPMENT	Clean all equipment with water immediately after use.



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PRE-APPLICATION

SURFACE PREPARATION

The surface must be clean, dry and sound. Remove any old paint, dirt, plaster, fungus and algae by using appropriate method. Apply Dulux Fungicidal Wash to treat the surface affected by algae/fungal. Use a mixture of sand and cement to patch larger holes or defected on the horizontal surface. The surface should be able to drain off water or have a slope of 1-2% to allow water run-off. For new surface, allow the surface dry well (Moisture reading on a Protimeter should be <16% and surface temperature not over 40°C)
 For chalky surface, remove as much of the powdery chalk before applying.

Self-priming coat by diluting with water up to 30% to ensure good penetration into the substrate. Apply in one direction. Allow to dry for 4-6 hours.
 Followed by 2-3 coats of undiluted paint by roller at perpendicular direction to each coat, with overcoating time of 4-6 hours.
 Leave to dry for a minimum 24 hours depend on the temperature & humidity.
 For areas that require strengthening, use a polyester mesh on the first layer while it is still wet.

Recommended painting system: Finish: 3 coats of Dulux Aquatech™ Max Waterproofing.

Notes:

Application temperature: 15°C - 40°C
 Do not apply during rain or in wet conditions to obtain best waterproofing and finishing. Not recommended for constant immersion in water.

SYSTEM INFORMATION

Powdery Surfaces
 Alkaline and/or New Surfaces
 Normal, Sound Surfaces

	SELF-PRIMING/PREPARATION (1 COAT)	FINISH (MINIMUM 2 COATS)
Powdery Surfaces	Dulux Aquatech Max Waterproofing (dilute with 30% water)	Dulux Aquatech Max Waterproofing
Alkaline and/or New Surfaces	Dulux Aquatech Max Waterproofing (dilute with 30% water)	Dulux Aquatech Max Waterproofing
Normal, Sound Surfaces	Dulux Aquatech Max Waterproofing (dilute with 30% water)	Dulux Aquatech Max Waterproofing

PRECAUTION

HEALTH, SAFETY AND ENVIRONMENT INFORMATION

Product Safety Data Sheet available upon request

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WTP: 010722

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 (Formerly known as ICI Paints (Malaysia) Sdn Bhd)

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