



DULUX WEATHERSHIELD POWERFLEXX™

WATER BASED

PRODUCT INFORMATION

PRODUCT NAME	Dulux Weathershield Powerflexx™
PRODUCT CODE	A 1510185 Line
DESCRIPTION	Dulux Weathershield Powerflexx™ is a top quality premium exterior wall paint with highly advanced Triple Defence Technology that stretches more to cover 10X* wider cracks, providing water repellence and protection against extreme weather conditions.
USAGE	Dulux Weathershield Powerflexx™ is suitable for new or previously painted exterior masonry surface such as brickwork, plaster, cement, rendering and semi-permanent exterior finishes.
BENEFITS	<p>The new Triple Defence Technology is powered by 3 properties:</p> <p>Ultimate Crack Proof: With super stretchable paint film, it can cover 10X* wider cracks than normal exterior paints and prevents cracks from resurfacing. No cracks, no water seepage.</p> <p>Ultimate Weather Resistant: With superior tough film, it can withstand extreme weather conditions, protecting your walls against colour fading and unwanted dirt, dust and watermarks, keeping our walls looking pristine for much longer.</p> <p>Ultimate Water Repellent: Water will run quickly off the wall preventing it from getting damp and hence protecting against algae & fungus, alkali build up and paint peel off.</p> <p>Keep Cool™ Technology: reflects heat from sunlight and reduces surface temperature up to 5°C^.</p> <p>12 years protection/warranty**.</p> <p>SIRIM Eco-Label certified***.</p> <p>Singapore Green Label certified***.</p> <p>Disclaimers: <i>* 10X claims is derived from external lab testing results on crack bridging ability (AS/NZS 4548:5:1999) under controlled testing environments. External factors such as weather, surface preparation and application might have an impact on product performance. Normal exterior paint refers to non elastomeric exterior paint.</i> <i>^ Based on test report conducted by BSD (Building System & Diagnostic Ptd Ltd). Applicable to selected colours only.</i> <i>** Terms & conditions apply. Please refer to Dulux Weathershield Powerflexx warranty agreement.</i> <i>*** Applicable to selected colours only.</i></p>
PACK SIZE	1, 5 and 18 litres
COLOUR RANGE	Refer to Dulux colour catalogue

PERFORMANCE GUIDE

FILM PROPERTIES	
Mechanical Properties	Elongation @ break: 100% min. Tensile strength: 1.2 MPa min
Water Proofing properties	Water absorption: less than 170ml water/ m2/ 24h Water vapour transmission: more than 80ml water/ m2/ 24h
THEORETICAL COVERAGE	The spreading capacity of this product will vary considerably according to the roughness and porosity of the surface. On smooth surfaces of average porosity up to 12m ² /litre.

PRODUCT DATA

COMPOSITION (nominal)	Pigment : Lightfast Non-Lead Pigments and Mineral Extenders Binder : Acrylic Emulsion Solvent : Water
VOLUME SOLIDS	White 42% (nominal), other colours will vary.



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APPLICATION

THINNING

Brush or Roller

For normal use thinning is not usually necessary, but if required add up to 1 part of clean water to 10 parts of paint (10%).

Conventional Spray

Add up to 1 part of clean water to 3 parts of paint (30%).

Airless Spray

Ready for use. Thinning is usually not required.

SPRAY RECOMMENDATIONS

Conventional Spray

Satisfactory through most equipment

Airless Spray

A typical set up for airless spray application would be a minimum working pressure on paint of 140 kg/cm² (2000 lb/sq in) with a spray tip size 0.58mm (23 thou) and a spray tip angle 65°

DRYING TIMES

Touch Dry

Single coat at standard thickness:

Recoat

Dependant on temperature and humidity

2-3 hours

CLEANING EQUIPMENT

Clean all equipment with water immediately after use.

PRE-APPLICATION

SURFACE PREPARATION

Surfaces must be sound, clean, dry and free from all defective or poorly adhering material, dirt, grease or wax and be thoroughly rubbed down using a suitable abrasive paper and dusted off. Treat areas affected by mould, fungi or algae with Dulux Fungicidal Wash (A980-19260). If after thorough preparation, surfaces remain powdery, seal with one coat of an appropriate Dulux Sealer/Primer (see below). It should not be applied on areas where moisture reading (as measured by Protimeter) exceeds 15%. These walls should be left to dry further.

SYSTEM INFORMATION

Powdery Surfaces

SEALER/PRIMER (1 COAT)

FINISH (MINIMUM 2 COATS)

Alkaline and/or New Surfaces

Dulux Weathershield Primer

Normal, Sound Surfaces

Dulux Weathershield Sealer

Dulux Weathershield Powerflexx™

Dulux Weathershield Sealer

(Colour enhancer is advisable for vibrant colours)

PRECAUTION

HEALTH, SAFETY AND ENVIRONMENT INFORMATION

Product Safety Data Sheet available upon request

Any advice, recommendations, information, assistance or service provided by Akzo Nobel Paints in relation to goods manufactured or marketed by it or their use or any application is given in good faith. However, any advice, recommendations, information, assistance or service provided by Akzo Nobel Paints is provided without expressed or implied warranties

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

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