



DULUX WEATHERSHIELD POWERFLEX™

WATER BASED

PRODUCT INFORMATION

PRODUCT NAME	Dulux Weathershield Powerflex™
PRODUCT CODE	A 1510185 Line
DESCRIPTION	<p>Dulux Weathershield Powerflex™ is a top quality premium exterior wall paint that provides your home with the ultimate all-weather protection. Its unique Powerflex™ Technology enables paint film to stretch up to 6X more than other standard premium exterior paint to cover and protect hairline cracks.</p> <p>Dulux Keep Cool™ Technology is specially formulated to reduce surface temperature up to 5°C^ to keep your home and building cooler.</p>
USAGE	Dulux Weathershield Powerflex™ is suitable for new or previously painted exterior masonry surface such as brickwork, plaster, cement, rendering and semi-permanent exterior finishes.
BENEFITS	<p>Powerflex™ Technology - 6X* more protection against hairline cracks.</p> <p>Keep Cool™ Technology - reflects heat from sunlight and reduces surface temperature up to 5°C^.</p> <p>Smart Release™ Technology - protects 2X longer against algae & fungus.</p> <p>ColourLock™ Technology - protects 2X longer against colour fading.</p> <p>Stay Clean™ Technology - protects against dirt & dust pick up.</p> <p>Alkali Guard - Protection against alkali salt attack.</p> <p>Peel Guard - Resists peeling and flaking.</p> <p>10 years warranty**.</p> <p>SIRIM Eco-Label certified.</p> <p>Singapore Green Label certified.</p> <p><small>^ Compared to regular exterior paint. Test report conducted by BSD (Building System & Diagnostic Ptd Ltd). Applicable to selected colours.</small></p> <p><small>* Compared to standard premium exterior paint.</small></p> <p><small>** Terms & conditions apply. Please refer to Dulux Weathershield warranty agreement.</small></p>
PACK SIZE	1, 5 and 18 litres
COLOUR RANGE	Refer to Dulux colour catalogue

PERFORMANCE GUIDE

FILM PROPERTIES	
Mechanical Properties	<p>Elongation @ break: 100% min.</p> <p>Tensile strength: 1.2 MPa min</p>
Water Proofing Properties	<p>Water absorption: less than 170ml water/ m²/ 24h</p> <p>Water vapour transmission: more than 80ml water/ m²/ 24h</p>
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)	<p>Pigment : Lightfast Non-Lead Pigments and Mineral Extenders</p> <p>Binder : Acrylic Emulsion</p> <p>Solvent : Water</p>
VOLUME SOLIDS	White 40% (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™

(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

WSPF: 220622

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

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