



# DULUX WEATHERSHIELD POWERFLEXX ACRYLIC EXTERIOR WALL FINISH

**A1510185 LINE (WATERBASED)**

## PRODUCT INFORMATION

<b>PRODUCT NAME</b>	Dulux Weathershield Powerflexx
<b>Product Code</b>	A1510185 Line
<b>DESCRIPTION</b>	<p>Dulux Weathershield Powerflexx™ is a premium quality elastomeric paint that gives your home ultimate protection, keeping it beautiful and looking new longer.</p> <p>Its unique Powerflexx™ technology enables the latex to stretch up to 3x more than standard premium exterior paint, covering the tiny, hairline cracks on your wall, and delivering stronger protection from the rain.</p> <p>It also has the Stay Clean Technology that resists dirt and dust better than other elastomeric paints. Its special UV-cross-linking function binds paint molecules upon sun exposure to the sun. As a result, dirt and dust do not penetrate the paint film easily, making it easier for the rain to wash them away.</p>
<b>USAGE</b>	Weathershield Powerflexx is suitable for new or previously painted exterior masonry surface such as brickwork, plaster, cement, rendering, asbestos and semi permanent exterior finishes.
<b>BENEFITS</b>	<ul style="list-style-type: none"> <li>• Superior all-weather protection</li> <li>• Protection against fungus and algae growth</li> <li>• Excellent dirt pick-up resistance with Stay Clean technology</li> <li>• Excellent alkali resistance with Alkali Guard technology</li> <li>• Colourlock technology to ensure colours stay looking brighter longer</li> <li>• KeepCool™ heat reflective technology. Reduces exterior surface temperature by up to 5°C, resulting in savings up to 15% per annum on the energy used to cool the home</li> <li>• Excellent exterior durability</li> <li>• Excellent adhesion properties</li> <li>• Singapore Green Label certified</li> <li>• Sirim Eco-Label certified</li> </ul>
<b>PACK SIZE</b>	1, 5 and 18litres
<b>COLOR RANGE</b>	Refer to Colour Inspirations

## PERFORMANCE GUIDE

<b>TYPICAL FILM PROPERTIES</b>	
<b>Mechanical Properties</b>	Elongation @ break: 100% min. Tensile Strength: 1.5 MPa min.
<b>Water Proofing Properties</b>	Water Absorption: Less than 170 ml water/ m2/ 24h Water Vapour Transmission: More than 80ml water/ m2/ 24h
<b>THEORETICAL COVERAGE</b>	The spreading capacity of this product will vary considerably according to the roughness and porosity of the surface. On smooth surfaces of average porosity 10-12 m <sup>2</sup> /L. When applied at dry film thickness of 150 microns for optimum flexibility, the coverage will be <6m <sup>2</sup> /L.

### Akzo Nobel Paints (Malaysia) Sdn Bhd

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

For further details on Product Data Sheet, kindly contact:

Customer Care Department

Tel: 1-800-88-9338 Website: [www.dulux.com.my](http://www.dulux.com.my) Email: [customercare.my@akzonobel.com](mailto:customercare.my@akzonobel.com)

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## PRODUCT DATA

<b>COMPOSITION (nominal)</b>	Pigment : Lightfast Non-Lead Pigments and Mineral Extenders. Binder : Acrylic Emulsion. Solvent : Water.
<b>VOLUME SOLIDS</b>	White 40% (nominal), other colours will vary.

## APPLICATION

<b>THINNING</b> Brush or Roller Conventional Spray Airless Spray	Ready for use. Thinning is not required. Add up to 1 part of clean water to 3 parts of paint (30%). Ready for use. Thinning is usually not required.
<b>SPRAY RECOMMENDATIONS</b> Conventional spray Airless Spray	Satisfactory through most equipment. A typical set up for airless spray application would be a minimum working pressure on paint of 140 kg/cm <sup>2</sup> with a spray tip size 0.58mm and a spray tip angle 65°.
<b>DRYING TIMES</b> Touch Dry Recoat	Single coat at standard thickness: Dependant on temperature and humidity. 2-3 hours.
<b>CLEANING UP</b>	Clean all equipment with clean water immediately after use.

## PRE-APPLICATION

<b>SURFACE PREPARATION</b>	Surfaces must be sound, clean, dry and free from all defective or poorly adhering material, dirt, grease or wax. Remove all loose or defective paint or powdery residues by thorough brushing and scraping, using a stiff fiber brush and high pressure water jet. Treat any areas affected mould, lichens, algae and moss with Dulux Fungicidal Wash. Make good minor defects with a suitable exterior grade Filler. Surfaces that remain powdery, friable or chalky after thorough preparation should be sealed with one coat of an appropriate Primer (see below). It should not be applied on areas where moisture reading (as measured by Protimeter) exceeds 17%. These wall should be left to dry further. Note: Do not apply Dulux Weathershield Powerflexx during wet weather.	
<b>SYSTEM INFORMATION</b> Powdery Surfaces  New Surfaces and Normal, Sound Surfaces	<b>PRIMER (1 COAT)</b> Dulux Weathershield Primer (A579-15222) Dulux Weathershield Sealer (A931-18177)	<b>FINISH (2 COATS)</b>  Dulux Weathershield Powerflexx

## PRECAUTION

<b>HEALTH, SAFETY AND ENVIRONMENT INFORMATION</b>	Product Safety Data Sheet available upon request
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