

DULUX WEATHERSHIELD POWERFLEXX



Product Name	Dulux Weathershield Powerflexx
Usage	<p>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.</p> <p>Key Product Features</p> <ul style="list-style-type: none">• The new Triple Defence Technology is powered by 3 properties:<ul style="list-style-type: none">○ 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.○ 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 walls looking pristine for much longer.○ 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.• Keep Cool™ Technology: reflects heat from sunlight and reduces surface temperature up to 5°C^.• Up to 12 years protection**. <p><small>Disclaimer: * 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. ^ Based on test report conducted by BSD (Building System & Diagnostic Ptd Ltd). Applicable to selected colours only. ** Terms & conditions apply. Please refer to Dulux Weathershield Powerflexx warranty agreement. *** Applicable to selected colours only.</small></p>
Pack Size	1, 5 & 18L
Colour Range	See appropriate Colour Card.
Film Properties <i>Mechanical Properties</i> <i>Waterproofing properties</i>	Elongation @ break: 100% min. Tensile strength: 1.2 MPa min Water absorption: less than 170ml water/ m2/ 24h Water vapour transmission: more than 80ml water/ m2/ 24h
Composition (nominal)	Pigment : Lightfast Non-lead Pigments and Mineral Extenders Binder : Acrylic Emulsion Solvent : Water
Volume Solids	White 42% (nominal), other colours will vary
Drying Times <i>Touch Dry</i> <i>Recoat</i>	Single coat at standard thickness : Dependent on temperature and humidity 2 - 3 hours
Film Thickness	30 - 40 microns dry film thickness
Theoretical Coverage	Theoretical coverage which can be achieved under normal conditions is up to 12m ² /litre.

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Application		
Thinning		
<i>Brush or Roller</i>	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%).	
<i>Conventional Spray</i>	Add up to 1 part of clean water to 10 parts of paint (10%).	
<i>Airless Spray</i>	Ready for use.	
Spray Recommendations		
<i>Conventional Spray</i>	Satisfactory through most equipment.	
<i>Airless Spray</i>	A typical set up for airless spray application would be a minimum working pressure on paint of 140 kg/cm ² (2000 lb/sq in) with a spray tip size 0.38 mm (15 thou) and a spray tip angle 65°.	
Cleaning Up	Clean all equipment with water immediately after use.	
Surface Preparation	Surface must be sound, clean, dry and free from all defective or poorly adhering material, dirt, grease or wax and be rubbed down using a suitable abrasive paper and dusted off. Treat areas affected by fungi or algae with Dulux Fungicidal Wash. If surfaces remain powdery or suffer from alkali attack after thorough preparation, seal with one coat of an appropriatesealer (see below). Do not paint if the wall is saturated with dampness. (Protimeter reading higher than 15%). Allow excess moisture to evaporate.	
System Information		
<i>Powdery and Alkaline Surfaces</i>	Sealer (1 coat) Dulux Sealer (solvent-based)	Finish (2 coats) Dulux Weathershield Powerflexx
<i>New Surfaces OR Normal, sound surfaces</i>	Dulux Sealer (water-based)	
Health, Safety and Environment Information	Product Safety Data Sheet available upon request.	

For further information or if you have any concerns about using this product, contact us at:

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