AUDU00084 Dulux Weathershield Semi Gloss

Introduction

Part A
54S LINE

Approvals
APAS 0280/2 (Vivid White, Deep & Ultra Deep Bases only)

Description and Image

Dulux® Weathershield® has been specially designed to provide a tough hardwearing finish that provides protection from all weather conditions. Formulated with MaxiFlex™ Technology to expand and contract with the surface, Dulux guarantees Weathershield won't peel, flake or blister for 15 years provided it is applied according to an approved written Dulux DuSpec Specification.



Features and Benefits

- Self Priming on most surfaces (see application guide below for further instructions)
- Tough & hard wearing
- Helps resist mould, dirt and stains
- Helps prevent tannin bleed
- Long lasting colour
- UV protection
- 100% acrylic paint
- Easy application
- 2 hour recoat and easy clean up.
- Excellent durability - expands & contracts with climate changes.
- Easy to apply by brush, roller or spray.
- Long lasting, guaranteed performance.
- Apply direct onto most bare surfaces.
- No primer required to prevent staining on bare timber.

Uses

Dulux Weathershield® Semi Gloss Acrylic provides a long lasting exterior semi gloss finish on masonry, bricks, concrete, render, fibro cement, exterior timber, Zincalume®, galvanised iron and correctly primed steel and wrought iron. Dulux guarantees that Weathershield will not blister, flake or peel for 15 years, provided it is applied according to an approved Dulux Duspec Specification. This guarantee does not cover paint failure caused by any breakdown of coatings applied previously. If Dulux Weathershield does not perform as specified above, Dulux will provide free of charge paint to rectify the affected areas.

✓ **Exterior**

Precautions and Limitations

All preparation and painting must conform to AS2311: The Painting of Buildings.
Do not apply at air or surface temperatures below 10°C or when temperatures may fall below 10°C during the drying period. In summer paint on the shady side of the building. If conditions are hot and windy, cool the surface by hosing with water and paint the cool damp surface. Do not apply to roofs or surfaces used for the collection of drinking water. In normal conditions, 7 days curing is required to develop full hardness and resistance properties. Occasionally when dew or condensation forms on dried film, a slight milky deposit will be observed on the film. This is quite normal and does not impair the performance - simply hose or wipe it off with a damp rag. Where possible avoid dark colours on lightweight or panellised building systems as these will give rise to much higher surface temperature that may cause additional thermal stress and cooling demand to the building envelope and/or require extra engineering considerations. Always refer to the substrate manufacturer's LRV recommendation.

Performance Guide

Weather **Excellent resistance to weathering with very low level of chalking, colour change and dirt pick up.**	Salt **For galvanised iron within 1 km of the sea (or other salty areas), prime with Dulux All Metal Primer.**
Heat Resistance **Softens at temperatures above 70°C.**	Water **Resists prolonged rain and condensation.**
Solvent **Sensitive to aromatic hydrocarbons, alcohols and ketones.**	Abrasion **Good resistance to abrasion.**
Acid **NA**	Alkali **NA**

Typical Properties

Gloss Level **25-35 at 60 degrees**	Thinner **Water**
Colour **Can be machine tinted to a wide range of colours from white, deep, ultra deep and extra bright bases.**	
Dulux Colour Base ✓ **Deep** ✓ **Ultra Deep** ✓ **Extra Bright**	
Components **1**	Number of Coats **2 or 3***
Toxicity **Lead free. Dry film is non-toxic and conforms to AS1647, Part 3.**	V.O.C. Level **< 70 g/L untinted**
Mixing Ratio **NA**	
Pot Life **NA**	Touch Dry **20 Minutes**
Clean Up **Water**	
Clean Up Description Clean all equipment with water.	
Application Methods **Air Spray** **Airless Spray** **Brush** **Roller**	
Application Conditions	Solids by Volume

	40		
	Min	Max	Recommended
Wet Film Per Coat (microns)	63	63	63
Dry Film Per Coat (microns)	25	25	25
Recoat Time (min/hours)	2 Hours	Indefinite	
Theoretical Spread Rate (m²/L)	16	16	16

Application Guide

Surface Preparation

All surfaces must be thoroughly cleaned and free of all dirt, dust, grease, loose or flaking paint. Efflorescence (white salts) on masonry or concrete surfaces must be treated. Remove efflorescence by wiping down with 5% solution of acetic acid (white vinegar). Hose down and allow to dry. Mould on timber/masonry/concrete/painted surfaces must be treated. Remove mould by washing with bleach solution and/or de-mossing chemical, then hose down. Occasionally an apparently sound old paint will lose adhesion when recoated, particularly if the new paint is darker in colour. To avoid this, check the adhesion of the old paint by cutting an 'X' through a clean area of the film with a sharp knife, press cellulose tape firmly across the cut and rip it off. If the old paint comes off with the tape it should be removed before repainting.

Previously painted surfaces
Test if surface is sound. Scrape off all loose and flaking paint. Fill any cracks or holes with a suitable exterior filler. Dulux recommends Selleys® products. Sand all surfaces to a flat finish and remove greyed timber. Dust off.

Galvanised iron
Clean with Scotch Brite and mild detergent solution. Rinse off thoroughly.

Galvanised iron (aged)
Remove white rust by wire brushing or scraping. Wipe surface clean with mineral turps to remove rust, grease, oils and dirt. Allow to dry.

Zincalume, copper, brass & stainless steel
Clean with mild detergent solution. Rinse off thoroughly.

Zincalume (aged)
Remove white rust by wire brushing or scraping. Clean with mild detergent solution. Rinse off thoroughly.

Steel/wrought iron (new)
Wipe surface with mineral turps to remove residual rust, grease, oil and dirt. Allow to dry.

Steel/wrought iron (rusted)
Remove rust scale by scraping, sanding or wire brushing. Wipe surface with mineral turps to remove residual rust, grease, oil and dirt. Allow to dry. Make sure that all rust is removed.

Brick/masonry/fibro & fibre cement
Unpainted masonry surfaces should be cured for 28 days before painting. Ensure surface is clean and clear of any loose sand or cement. Fill holes with exterior grouting cement. Wash down with water using stiff brush to remove all loose material.

Bare unpainted timber
Fill nail holes with a flexible, exterior grade wood filler. Dulux recommends Selleys® products. Sand all dressed timber and remove greyed timber. Dust off.

Pre-primed timber/fibre cement & colorbond®/Colorsteel®
Preparation can vary depending on the quality and conditions of pre-primed timber/fibre cement and Colorbond® & Colorsteel® surfaces. For help and advice, please call Dulux Help & Advice on 13 25 25 for specific guidance.

Tilt up & precast concrete
Due to possible variability in these surfaces, please call Dulux Help & Advice on 13 25 25 for specific guidance.

Application Procedure and Equipment

Brush, roller, conventional and airless spray. Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action.

Brush/Roller
Soak brush or roller in water before starting and use while still slightly damp. Thinning is usually not required.

Airless or Conventional Spray
Suitable for application by all standard spray equipment. Apply wet even coats. If necessary thin with up to 100 ml/litre water to aid atomisation. Under hot or very windy conditions, up to 100 ml/litre of DULUX Hot Weather Thinner may be added to ease application. On previously painted surfaces, apply 2 coats of Weathershield. Some colours may require more than the recommended number of coats to achieve full opacity. For Weathershield Chromamax Pigment Bases (True Red, Bold Yellow, Orange, Blue and Extra Bright bases), when painting over contrasting colour, apply 1 coat of Dulux 1Step prep-coat.

Within 1km of sea for galvanised iron, Zincalume
Apply one coat of Dulux All Metal Primer followed by 2 topcoats of Weathershield. Preparation/coating system can vary depending on the quality and conditions of pre-primed timber/fibre cement, Colorbond® & Colorsteel® and tilt-up & precast concrete surfaces. For help and advice, please call Dulux Help & Advice on 13 25 25 for specific guidance. Check the weather forecast. Do not paint on excessively cold or humid days. Exposure to rain or overnight dew whilst drying may result in the coating being damaged or removed. If painting during the hottest time of the day, cool the surface by hosing before painting and paint on the shady side of the house.

Steel/wrought iron
Apply 2 coat of Dulux All Metal Primer followed by 2 topcoats of Weathershield.

Bare surfaces including brick, masonry, fibre cement, Zincalume
Apply 3 coats of Weathershield.

Galvanised iron
Apply 3 coats of Weathershield. For Weathershield Chromamax Pigment Bases (True Red, Bold Yellow, Orange, Blue and Extra Bright bases), apply 1 coat of Dulux All Metal Primer followed by 2 topcoats of Weathershield.

For Zincalume/galvanised iron roofs
Apply 3 coats of Weathershield. For Weathershield Chromamax Pigment Bases (True Red, Bold Yellow, Orange, Blue and Extra Bright bases), apply 1 coat of Dulux All Metal Primer followed by 2 topcoats of Weathershield.

Bare unpainted timber
Apply 3 coats of Weathershield. For Weathershield Chromamax Pigment Bases (True Red, Bold Yellow, Orange, Blue and Extra Bright bases), for improved resistance to cracking on hardwoods (eg Mt Ash, Oak), apply a coat of Dulux 1Step Prepcoat prior to the application of two topcoats of Weathershield. Professional Painters refer to Duspec Specification Sheets to qualify for guarantee.

Health and Safety

SDS Number	SDS Link
DLXGHSEN003378	**View SDS Link**

Using Safety Precautions
For detailed information refer to the product label and the current Material Safety Data Sheet available through Customer Service. Health Effects: Splashes to the eye may cause eye irritation. When spraying, inhalation of mists may produce respiratory irritation.

Please refer to SDS Link. In case of emergency, please call 1800 220 770.

Transport and Storage

Pack A
54S LINE

Size:	Weight:
2 Litre 4 Litre 10 Litre 15 Litre	2.8 Kg 5.5 Kg 13.2 Kg 21.3 Kg

Flash Point	UN Number
NA	**NA**
Dangerous Goods Class	Package Group
NA	**NA**

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The correct colour or colour match is the responsibility of the applicator. Colours will change over time and Dulux does not guarantee that the same colour newly mixed will match a colour applied earlier which has been subjected to weathering or other change elements. No product colour is guaranteed against colour change.

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WHERE LEAD MAY BE PRESENT: The asset manager is responsible for verifying the presence of lead and determining whether to remove or encapsulate the lead. If lead is present, the work must be done in strict accordance with AS 4361 Parts 1 and 2 and Worksafe Australia guidelines.