

## AUDU04832 Dulux Weathershield Semi Gloss on New Polyvinyl chloride (PVC) [Exterior]

### Description

Exterior acrylic semi gloss for plastic's and PVC material

### Substrate and Substrate Preparation

#### Substrate Notes

Polyvinyl chloride (PVC) is a thermoplastic resin that is usually pigmented. PVC has good resistance to acids, alkalis and water and readily sheds dirt and is ideal for guttering and downpipes. PVC is often softened with plasticisers, but the smooth surface and the presence of plasticiser from the PVC present challenges for coating adhesion.

#### Substrate Preparation Notes

PPC011 - Perspex / Polycarbonate / Polystyrene / Polyurethane / PVC

##### ASSESS SUITABILITY

Inspect to determine the degree of deterioration of existing coatings. Check coating adhesion using the cross-hatch test.

##### CLEAN SURFACE

Clean to remove all dirt, dust and all other surface contaminants by using a suitable cleaning agent and rinsing / water blasting clean with water. Treat mould with a suitable mould treatment and rinse clean.

##### REPAIR SURFACE IMPERFECTIONS

Prepare all areas that have poor adhesion, are cracking, peeling and flaking by sanding, power sanding, scraping, wire brushing or burning off as appropriate. Feather edges of the surrounding sound paint to completely remove visual ridges and wash / dust off to remove debris. Any major design faults leading to structural failure must be corrected prior to repainting.

##### SANDING

Sand the entire cleaned substrate to an even flat gloss level to provide a smooth, even surface and to provide a good key for the new coating system to adhere to.

##### PRIME

Prime any bare areas with a suitable primer.

Specification

### Coating System Summary

- |            |                                                  |
|------------|--------------------------------------------------|
| • Primer   | Dulux Precision Maximum Strength Adhesion Primer |
| • 1st Coat | Dulux Weathershield Semi Gloss                   |
| • 2nd Coat | Dulux Weathershield Semi Gloss                   |

| Coating System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Primer — Dulux Precision Maximum Strength Adhesion Primer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |
| Coat Type<br>Primer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        | Datasheet<br>AUDU00119 Dulux Precision Maximum Strength Adhesion Primer                                                                                                                                                                                                                                                                                                                                                             |             |
| Read the full Datasheet details at <a href="#">Dulux Precision Maximum Strength Adhesion Primer</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |
| Application Methods                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Min    | Max                                                                                                                                                                                                                                                                                                                                                                                                                                 | Recommended |
| Theoretical Spread Rate (m²/L)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7.3    | 10                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10          |
| Wet Film Per Coat (microns)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 100    | 137                                                                                                                                                                                                                                                                                                                                                                                                                                 | 100         |
| Dry Film Per Coat (microns)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 42     | 58                                                                                                                                                                                                                                                                                                                                                                                                                                  | 42          |
| Recoat Time **                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 hour | 30 days                                                                                                                                                                                                                                                                                                                                                                                                                             | 1-2 hours   |
| V.O.C. Level<br>30.4 g/ltr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | Meets GBCA V.O.C. Requirements?<br>Yes<br>Total Volatile Organic Content (TVOC) values are calculated in accordance to the stated methodology within Green Star Technical Manuals. The TVOC content is theoretically calculated as the sum total of the known VOC values of the product's raw material components. These materials include the base paint plus additional low VOC tinter required for non-factory packaged colours. |             |
| Coating Application Details<br>Eye protection is recommended.<br>Only apply if surface, air and product temperatures are between 10°C and 32°C.<br>Apply using a brush, roller or spray.<br>Brush – High quality Nylon/Polyester<br>Roller – High quality 9-12mm nap on smooth surfaces or 12-19mm nap on semi-rough or porous surfaces.<br>Airless spray – 0.015" - 0.021" tip / 60 mesh filter @ 2,500 – 3,200 PSI<br>For spray applications, a small amount of water (no more than 100mls per 1 Litre) may be added.<br>Stir thoroughly before and occasionally during use. |        |                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |
| SDS Number<br>DLXGHSEN001275                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        | SDS Link                                                                                                                                                                                                                                                                                                                                                                                                                            |             |
| SDS Number<br>FOR DETAILED INFORMATION REFER TO THE PRODUCT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        | SDS Link                                                                                                                                                                                                                                                                                                                                                                                                                            |             |
| SDS Number<br>LABEL AND THE CURRENT MATERIAL SAFETY DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        | SDS Link                                                                                                                                                                                                                                                                                                                                                                                                                            |             |
| SDS Number<br>SHEET AVAILABLE THROUGH CUSTOMER SERVICE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        | SDS Link                                                                                                                                                                                                                                                                                                                                                                                                                            |             |
| SDS Number<br>AUSTRALIA : 13 25 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        | SDS Link                                                                                                                                                                                                                                                                                                                                                                                                                            |             |
| SDS Number<br>NEW ZEALAND: 0800 800 424                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        | SDS Link                                                                                                                                                                                                                                                                                                                                                                                                                            |             |
| 1st Coat — Dulux Weathershield Semi Gloss                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |
| Coat Type<br>1st Coat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | Datasheet<br>AUDU00084 Dulux Weathershield Semi Gloss                                                                                                                                                                                                                                                                                                                                                                               |             |

Read the full Datasheet details at [Dulux Weathershield Semi Gloss](#)

#### Application Methods



|                                             | Min     | Max        | Recommended |
|---------------------------------------------|---------|------------|-------------|
| Theoretical Spread Rate (m <sup>2</sup> /L) | 16      | 16         | 16          |
| Wet Film Per Coat (microns)                 | 63      | 63         | 63          |
| Dry Film Per Coat (microns)                 | 25      | 25         | 25          |
| Recoat Time **                              | 2 Hours | Indefinite |             |

V.O.C. Level  
**< 70 g/L untinted**

Meets GBCA V.O.C. Requirements?  
**Not Applicable**

#### Coating Application Details

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. 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.

SDS Number  
**DLXGHSEN003378**

SDS Link  
[View SDS Link](#)

#### 2nd Coat — Dulux Weathershield Semi Gloss

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                       |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------|-------------|
| Coat Type<br>2nd Coat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         | Datasheet<br>AUDU00084 Dulux Weathershield Semi Gloss |             |
| Read the full Datasheet details at <a href="#">Dulux Weathershield Semi Gloss</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                       |             |
| Application Methods                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |                                                       |             |
| <div><div> Air Spray</div><div> Airless Spray</div><div> Brush</div><div> Roller</div></div>                                                                                                                                                                                                                                                |         |                                                       |             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Min     | Max                                                   | Recommended |
| Theoretical Spread Rate (m²/L)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16      | 16                                                    | 16          |
| Wet Film Per Coat (microns)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 63      | 63                                                    | 63          |
| Dry Film Per Coat (microns)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 25      | 25                                                    | 25          |
| Recoat Time **                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 Hours | Indefinite                                            |             |
| V.O.C. Level<br>< 70 g/L untinted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         | Meets GBCA V.O.C. Requirements?<br>Not Applicable     |             |
| Coating Application Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |                                                       |             |
| 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. 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.                                                                                                                                                                                                                                                                                 |         |                                                       |             |
| SDS Number<br>DLXGHSEN003378                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         | SDS Link<br><a href="#">View SDS Link</a>             |             |

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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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