

# 6711R RESENE PAINTING EXTERIOR

## 1 GENERAL

This section relates to the surface preparation, painting and clear finishing of new and existing exterior substrates using **Resene** architectural and decorative coating systems.

### Related work

1.1

#### RELATED WORK

Refer to 6700R RESENE PAINTING GENERAL for general matters related to painting work.

Refer to 6721R RESENE PAINTING INTERIOR for interior paint systems.

Refer to 6721RE RESENE ENVIRONMENTAL PAINTING INTERIOR for interior paint systems.

## 2 PRODUCTS

### Materials

2.1

#### PAINT TYPES GENERALLY/ THINNERS AND ADDITIVES

Refer to 6700R RESENE PAINTING GENERAL for product clauses.

#### **THEORETICAL SPREADING RATES & FILM THICKNESS (UNTHINNED)**

##### 2.2 RESENE QUICK DRY - D45 WATERBORNE ACRYLIC PRIMER UNDERCOAT

- Spread Rate = 12.5 sqm per litre
- Wet Film Thickness (WFT) = 80 microns
- Dry Film Thickness (DFT) = 35 microns

##### 2.3 RESENE SONYX 101 - D30 SEMI-GLOSS ACRYLIC

- Spread Rate = 12 sqm per litre
- Wet Film Thickness (WFT) = 83 microns
- Dry Film Thickness (DFT) = 38 microns

##### 2.4 RESENE X-200 - D62 WEATHERTIGHT MEMBRANE

- Spread Rate = 7.5 sqm per litre
- Wet Film Thickness (WFT) = 133 microns
- Dry Film Thickness (DFT) = 60 microns

##### 2.5 RESENE CONCRETE PRIMER - D405 WATERBORNE PRIMER

- Spread Rate = 12.5 sqm per litre
- Wet Film Thickness (WFT) = 80 microns
- Dry Film Thickness (DFT) = 35 microns

##### 2.6 RESENE ENAMACRYL - D309 GLOSS WATERBORNE ENAMEL

- Spread Rate = 12 sqm per litre
- Wet Film Thickness (WFT) = 83 microns
- Dry Film Thickness (DFT) = 34 microns

##### 2.7 RESENE SUMMIT ROOF - D315S SEMI GLOSS ACRYLIC

- Spread Rate = 12 sqm per litre
- Wet Film Thickness (WFT) = 83 microns
- Dry Film Thickness (DFT) = 33 microns

##### 2.8 RESENE GALVO PRIME - D402 WATERBORNE GALVANISED STEEL PRIMER

- Spread Rate = 12 sqm per litre
- Wet Film Thickness (WFT) = 83 microns
- Dry Film Thickness (DFT) = 35 microns

#### 2.9 RESENE LUMBERSIDER - D34 LOW SHEEN ACRYLIC

- Spread Rate = 12 sqm per litre
- Wet Film Thickness (WFT) = 83 microns
- Dry Film Thickness (DFT) = 33 microns

#### 2.10 RESENE SURESEAL – D42 SOLVENTBASED PIGMENTED SEALER

- Spread Rate = 16 sqm per litre
- Wet Film Thickness (WFT) = 63 microns
- Dry Film Thickness (DFT) = 23 microns

#### 2.11 RESENE GP METAL PRIMER – D411 ALKYD HIGH BUILD METAL PRIMER

- Spread Rate = 7 sqm per litre
- Wet Film Thickness (WFT) = 143 microns
- Dry Film Thickness (DFT) = 70 microns

#### 2.12 RESENE WOOD PRIMER – D40 ALKYD WOOD PRIMER

- Spread Rate = 12 sqm per litre
- Wet Film Thickness (WFT) = 83 microns
- Dry Film Thickness (DFT) = 46 microns

#### 2.13 RESENE SRG GRIT - SLIP RESISTANT SILICA ADDITIVE

- 500 grams per 1 litre

### 3 EXECUTION

#### Conditions

##### 3.1

#### EXECUTION

Refer to 6700R RESENE PAINTING GENERAL for execution clauses.

### 4 SELECTIONS

Substitutions are not permitted to the following, unless stated otherwise.

#### EXTERIOR CEMENTITIOUS - EXISTING

##### 4.1 RESENE EXISTING EXTERIOR IN-SITU CONCRETE (EXISTING ACRYLIC COATING)

Surface Prep: Resene SIPDS No3 and Spec Sheet 3: 1/3

Spot prime: Resene Sureseal D42, Solvent based Pigmented Sealer

1st coat: Resene Sonyx 101 D30, Semi-Gloss Acrylic

2nd coat: Resene Sonyx 101 D30, Semi-Gloss Acrylic

*Where an acrylic Weathertight Membrane coating is required substitute*

*1st & 2nd coats with:*

*1st coat: Resene X-200 D62, Acrylic Weathertight Membrane*

*2nd coat: Resene X-200 D62, Acrylic Weathertight Membrane*

#### 4.2 RESENE EXISTING EXTERIOR IN-SITU CONCRETE (EXISTING ENAMEL COATING)

Surface Prep:	Resene SIPDS No3 and Spec Sheet 3: 1/3
Spot prime:	Resene Sureseal D42, Solvent based Pigmented Sealer
1st coat:	Resene Quick Dry D45, Waterborne Acrylic Primer Undercoat
2nd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic
3rd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic

*Note 1: Ensure existing enamel coating is abraded prior to applying Resene Quick Dry Waterborne primer*

*Note 2: Where an acrylic Weathertight Membrane coating is required substitute 2<sup>nd</sup> & 3<sup>rd</sup> coats with:*

*2nd coat: Resene X-200 D62, Acrylic Weathertight Membrane  
3rd coat: Resene X-200 D62, Acrylic Weathertight Membrane*

#### 4.3 RESENE EXISTING EXTERIOR CONCRETE BLOCK/MASONRY (EXISTING ACRYLIC COATING)

Surface Prep:	Resene SIPDS No3 and Spec Sheet 3: 2/3
Spot prime:	Resene Sureseal D42, Solvent based Pigmented Sealer
1st coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic
2nd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic

*Where an acrylic Weathertight Membrane coating is required substitute 1st & 2nd coats with:*

*1st coat: Resene X-200 D62, Acrylic Weathertight Membrane  
2nd coat: Resene X-200 D62, Acrylic Weathertight Membrane*

#### 4.4 RESENE EXISTING EXTERIOR CONCRETE BLOCK/MASONRY (EXISTING ENAMEL COATING)

Surface Prep:	Resene SIPDS No3 and Spec Sheet 3: 2/3
Spot prime:	Resene Sureseal D42, Solvent based Pigmented Sealer
1st coat:	Resene Quick Dry D45, Waterborne Acrylic Primer Undercoat
2nd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic
3rd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic

*Note 1: Ensure existing enamel coating is abraded prior to applying Resene Quick Dry Waterborne primer*

*Note 2: Where an acrylic Weathertight Membrane coating is required substitute 2<sup>nd</sup> & 3<sup>rd</sup> coats with:*

*2nd coat: Resene X-200 D62, Acrylic Weathertight Membrane  
3rd coat: Resene X-200 D62, Acrylic Weathertight Membrane*

#### 4.5 RESENE EXISTING EXTERIOR CONCRETE RENDER/PLASTER (EXISTING ACRYLIC COATING)

Surface Prep:	Resene SIPDS No3 and Spec Sheet 3: 3/3
Spot prime :	Resene Sureseal D42, Solvent based Pigmented Sealer
1st coat	Resene X-200 D62, Acrylic Weathertight Membrane
2nd coat:	Resene X-200 D62, Acrylic Weathertight Membrane

*Note: Where dark colours are selected the use of Resene Cool Colour Technology should be considered. Refer to the Resene Website for more information. [www.resene.co.nz/coolcolour](http://www.resene.co.nz/coolcolour)*

#### 4.6 RESENE EXISTING EXTERIOR CONCRETE DECKS, PATIOS, PORCHES, STEPS

Surface Prep:	Resene SIPDS No3 and Spec Sheet 3: 5/3
Spot prime:	Resene Sureseal D42, Solvent based Pigmented Sealer
1st coat:	Resene Quick Dry D45, Waterborne Acrylic Primer Undercoat
2nd coat:	Resene Lumbersider D34, Low Sheen Acrylic
3rd coat:	Resene Lumbersider D34, Low Sheen Acrylic

*Note: where Slip-resistant coating is required add Resene SRG Grit (500 grams per litre) to 1st coat of Resene Lumbersider*

#### EXTERIOR TIMBER - EXISTING

#### 4.7 RESENE EXISTING EXTERIOR TIMBER, PLYWOOD, WEATHERBOARDS, BARGE BOARDS, FASCIA, BOXING (EXISTING ACRYLIC COATING)

Surface Prep:	Resene SIPDS No2 and Spec Sheet 2: 1/3
Spot Prime:	Resene Quick Dry D45, Waterborne Acrylic Primer Undercoat
1st coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic
2nd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic

*Note 1: Where timber is Cedar or old/weathered substitute Spot Prime with: Spot Prime: Resene Wood Primer D40, Alkyd Wood primer*

#### 4.8 RESENE EXISTING EXTERIOR TIMBER, PLYWOOD, WEATHERBOARDS, BARGE BOARDS, FASCIA, BOXING (EXISTING ENAMEL COATING)

Surface Prep:	Resene SIPDS No2 and Spec Sheet 2: 1/3
Spot Prime:	Resene Quick Dry D45, Waterborne Acrylic Primer Undercoat
1st coat:	Resene Quick Dry D45, Waterborne Acrylic Primer Undercoat
2nd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic
3rd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic

*Note 1: Ensure existing enamel coating is thoroughly abraded prior to applying Resene Quick Dry Waterborne primer*

*Note 2: Where timber is Cedar or old/weathered substitute Spot Prime with: Spot Prime: Resene Wood Primer D40, Alkyd Wood primer*

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#### 4.9 RESENE EXISTING EXTERIOR TIMBER DOORS, JOINERY, WINDOWS, SILLS

Surface Prep:	Resene SIPDS No2 and Spec Sheet 2: 7/3
Spot Prime:	Resene Quick Dry D45, Waterborne Acrylic Primer Undercoat
1st coat:	Resene Quick Dry D45, Waterborne Acrylic Primer Undercoat
2nd coat:	Resene Enamacryl D309, Gloss Waterborne Enamel
3rd coat:	Resene Enamacryl D309, Gloss Waterborne Enamel

*Note 1: Ensure existing enamel coating is thoroughly abraded prior to applying Resene Quick Dry Waterborne primer*

*Note 2: Where timber is Cedar or old/weathered substitute Spot Prime with: Spot Prime: Resene Wood Primer D40, Alkyd Wood primer*

*Note 3: Where dark colours are selected the use of Resene Cool Colour Technology should be considered. Refer to the Resene Website for more information. [www.resene.co.nz/coolcolour](http://www.resene.co.nz/coolcolour)*

#### 4.10 RESENE EXISTING EXTERIOR PINE DECK - PAINTED (EXISTING ACRYLIC COATING)

Surface Prep:	Resene SIPDS No2 and Spec Sheet 2: 6/3
Spot Prime:	Resene Quick Dry D45, Waterborne Acrylic Primer Undercoat
1st coat:	Resene Lumbersider D34, Low Sheen Acrylic
2nd coat:	Resene Lumbersider D34, Low Sheen Acrylic

*Note: where Slip-resistant coating is required add Resene SRG Grit (500 grams per litre) to 1st coat of Resene Lumbersider*

### **EXTERIOR TIMBER - NEW**

#### 4.11 RESENE NEW EXTERIOR TIMBER, PLYWOOD, WEATHERBOARDS, BARGE BOARDS, FASCIA - UNPRIMED

Surface Prep:	Resene SIPDS No2 and Spec Sheet 2: 1/1
1st coat:	Resene Quick Dry D45, Waterborne Acrylic Primer Undercoat
2nd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic
3rd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic

*Note 1: Substrate suppliers LRV guidelines should always be followed*

*Note 2: Where dark colours are selected the use of Resene Cool Colour Technology should be considered. Refer to the Resene Website for more information. [www.resene.co.nz/coolcolour](http://www.resene.co.nz/coolcolour).*

#### 4.12 RESENE NEW EXTERIOR TIMBER, PLYWOOD, WEATHERBOARDS, BARGE BOARDS, FASCIA - FACTORY PRIMED

Surface Prep:	Resene SIPDS No2 and Spec Sheet 2: 2/1
1st coat:	Resene Wood Primer D40, Alkyd Wood Primer
2nd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic
3rd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic

*Note 1: Substrate suppliers LRV guidelines should always be followed*

*Note 2: Where dark colours are selected the use of Resene Cool Colour Technology should be considered. Refer to the Resene Website for more information. [www.resene.co.nz/coolcolour](http://www.resene.co.nz/coolcolour)*

#### 4.13 RESENE NEW EXTERIOR TIMBER DOORS, JOINERY, WINDOWS - FACTORY PRIMED

Surface Prep:	Resene SIPDS No2 and Spec Sheet 2: 7/1
1st coat:	Resene Wood Primer D40, Alkyd Wood Primer
2nd coat:	Resene Enamacryl D309, Gloss Waterborne Enamel
3rd coat:	Resene Enamacryl D309, Gloss Waterborne Enamel

*Note 1: Substrate suppliers LRV guidelines should always be followed*

*Note 2: Where dark colours are selected the use of Resene Cool Colour Technology should be considered. Refer to the Resene Website for more information. [www.resene.co.nz/coolcolour](http://www.resene.co.nz/coolcolour)*

#### 4.14 RESENE NEW EXTERIOR PINE DECK - UNPRIMED

Surface Prep:	Resene SIPDS No2 and Spec Sheet 2: 6/1
1st coat:	Resene Quick Dry D45, Waterborne Acrylic Primer Undercoat
2nd coat:	Resene Lumbersider D34, Low Sheen Acrylic
3rd coat:	Resene Lumbersider D34, Low Sheen Acrylic

*Note: where Slip-resistant coating is required add Resene SRG Grit (500 grams per litre) to 1st coat of Resene Lumbersider*

### **EXTERIOR ZINC STEEL GALVANIZED ROOFING - EXISTING**

#### 4.15 RESENE EXISTING EXTERIOR PAINTED ZINC/GALVANIZED STEEL ROOFING - (EXISTING ACRYLIC COATING)

Surface Prep:	Resene SIPDS No4 and Spec Sheet 4: 4/3
Spot Prime:	Resene GP Metal Primer - D411 Alkyd high build metal primer
1st coat:	Resene Summit Roof Semi-Gloss D315s, Acrylic
2nd coat:	Resene Summit Roof Semi-Gloss D315s, Acrylic

*Note: Where dark colours are selected the use of Resene Cool Colour Technology should be considered. Refer to the Resene Website for more information. [www.resene.co.nz/coolcolour](http://www.resene.co.nz/coolcolour)*

## EXTERIOR ZINC GALVANIZED STEEL ROOFING - NEW

### 4.16 RESENE NEW EXTERIOR ZINC/GALVANIZED STEEL ROOFING - (NEW & UNCOATED)

Surface Prep:	Resene SIPDS No4 and Spec Sheet 4: 4/1
1st coat:	Resene Galvo Prime - D402 Waterborne Galvanised steel primer
2nd coat:	Resene Summit Roof Semi-Gloss D315s, Acrylic
3rd coat:	Resene Summit Roof Semi-Gloss D315s, Acrylic

*Note: Where dark colours are selected the use of Resene Cool Colour Technology should be considered. Refer to the Resene Website for more information. [www.resene.co.nz/coolcolour](http://www.resene.co.nz/coolcolour)*

## EXTERIOR FIBRE CEMENT CLADDING - EXISTING

### 4.17 RESENE EXISTING EXTERIOR FIBRE CEMENT CLADDING & SOFFITS (EXISTING ACRYLIC COATING)

Surface Prep:	Resene SIPDS No3 and Spec Sheet 3: 4/3 & 3: 4B/3
Spot Prime:	Resene Sureseal D42, Solvent based Pigmented Sealer
1st coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic
2nd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic

*Note 1: Where an acrylic Weathertight Membrane coating is required substitute 1st & 2nd coats with:*

*1st coat: Resene X-200 D62, Acrylic Weathertight Membrane  
2nd coat: Resene X-200 D62, Acrylic Weathertight Membrane*

*Note 2: For substrates containing Asbestos refer to Resene SIPDS No3 and spec sheet 3:4B/3*

## EXTERIOR FIBRE CEMENT CLADDING - NEW

### 4.18 RESENE NEW EXTERIOR FIBRE CEMENT CLADDING & SOFFITS

Surface Prep:	Resene SIPDS No3 and Spec Sheet 3: 4/1
1st coat:	Resene Concrete Primer D405, Waterborne Primer
2nd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic
3rd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic

*Note 1: Substrate suppliers LRV guidelines should always be followed*

*Note 2: Where an acrylic Weathertight Membrane coating is required substitute 2nd & 3rd coats with:*

*2nd coat: Resene X-200 D62, Acrylic Weathertight Membrane  
3rd coat: Resene X-200 D62, Acrylic Weathertight Membrane*

## **EXTERIOR METAL - EXISTING**

### **4.19 RESENE EXISTING EXTERIOR GALVANIZED/ZINC COATED STEEL - FLASHINGS, SOAKERS, SPOUTING ETC (EXISTING ACRYLIC COATING)**

Surface Prep:	Resene SIPDS No4 and Spec Sheet 4: 2/3
Spot Prime:	Resene GP Metal Primer - D411 Alkyd high build metal primer
1st coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic
2nd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic

### **4.20 RESENE EXISTING EXTERIOR PAINTED COPPER GUTTERING, DOWNPIPES (EXISTING ACRYLIC COATING)**

Surface Prep:	Resene SIPDS No4 and Spec Sheet 4: 9/3
Spot Prime:	Resene GP Metal Primer - D411 Alkyd high build metal primer
1st coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic
2nd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic

## **EXTERIOR METAL - NEW**

### **4.21 RESENE NEW EXTERIOR GALVANIZED/ZINC COATED STEEL - FLASHINGS, SOAKERS, SPOUTING ETC**

Surface Prep:	Resene SIPDS No4 and Spec Sheet 4: 2/1
1st coat:	Resene GP Metal Primer - D411 Alkyd high build metal primer
2nd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic
3rd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic

## **EXTERIOR PVC - EXISTING**

### **4.22 RESENE EXISTING EXTERIOR PVC GUTTERING, DOWNPIPES (EXISTING ACRYLIC COATING)**

Surface Prep:	Resene SIPDS No5 and Spec Sheet 5: 1/3
Spot Prime:	Resene Quick Dry D45, Acrylic Primer Undercoat
1st coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic
2nd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic

## **EXTERIOR PVC - NEW**

### **4.23 RESENE NEW EXTERIOR PVC GUTTERING, DOWNPIPES (TO BE PAINTED)**

Surface Prep:	Resene SIPDS No5 and Spec Sheet 5: 1/1
1st coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic
2nd coat:	Resene Sonyx 101 D30, Semi-Gloss Acrylic