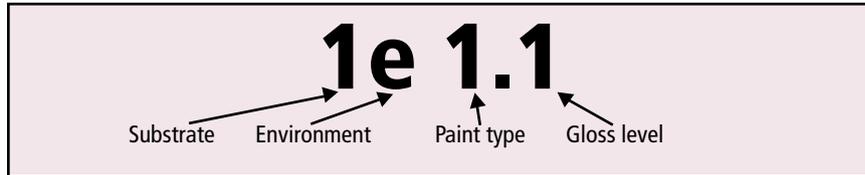


## 2(i) How the One-Line Specifications work

It is recommended that you read through Section 1 and use this technical information when specifying paint systems. Following is a step-by-step guide to the One-Line Specifications.



### Environment

- e = Exterior
- i = Interior

### Paint type

- 1 = Waterborne - painted finish
- 3 = Waterborne - stained or clear finish
- 2 = Solventborne - painted finish
- 4 = Solventborne - stained or clear finish

### Gloss level

- 1 = Gloss
- 2 = Semi-gloss
- 3 = Satin
- 4 = Low sheen
- 5 = Flat

- A. Select the **Substrate** to be painted. (Suppose it is desired to coat the exterior of a concrete block structure.)

Looking up concrete block in the One-Line Specification index will direct you to the appropriate specification sheet. (Specification 1 - Cementitious surfaces in this example.)

- B. Choose the **Environment**: exterior or interior. (Exterior in this example.)

- C. Select the **Paint type**: waterborne or solventborne paint.

If unsure see, Section 1 (ii) - 'Selecting paint systems'.

Select the paint system (waterborne or solventborne) and go to the appropriate box on the specification sheet. See the comments on the specification sheet for confirmation. (A waterborne system is preferred in this example.)

- D. Select the appropriate **Gloss level**. Section 1 (iii) covers gloss levels. Also see the Resene Architectural Sample Box. (Gloss is selected in this example.)

- You have now reached a unique **Resene specification number**.

This number describes the generic paint system, appropriate for your selected **Substrate, Environment, Paint type** and **Gloss level**.

- The Resene One-Line Specification consists of a generic specification, a unique specification number, surface preparation, list of products and Data Sheets that make up the selected paint system.

## The One-Line Specification is all that is required.

For the example above the One-Line Specification is:

Generic specification				Resene Spec No.	Resene One-Line Specification					
Substrate	Environment	Paint type	Gloss level		Surface prep	1st coat	2nd coat	3rd coat	4th coat optional	
Cementitious surfaces	Exterior	Waterborne	Gloss	<b>1e 1.1</b>	D83 TP: Limelock D809	SCS: Concrete Primer P: Sureseal	D405 D42	Hi-Glo Acrylic Undercoat D309 D404	Hi-Glo D31	Multishield + D54a

**Key:** P = Powdery SCS = Sound cementitious surfaces

# Resene

the paint the professionals use

access specification information online at [www.resene.com.au](http://www.resene.com.au) or [www.resene.co.nz](http://www.resene.co.nz)  
minimise the effect of your project on the environment – see the Resene website

Continued

Because every surface to be coated differs, it is often difficult to specify the primer/undercoat unless you have actually inspected the surface and existing conditions. Allowing for this, the One-Line Specifications have been designed either to allow specifiers to specify the first coat or give the painter the choice, once the condition of the substrate has been inspected.

When specifying paint systems the unique Resene One-Line Specification number may simply be written into any specification or painting schedule, and that alone is sufficient to completely specify the selected paint system. Surface preparation and product data sheets may be photocopied and included in the specification if desired.

Furthermore, specific instructions may be specified from the surface preparation sheets using uniquely numbered clauses.

Cover page, preamble text and painting schedule are located in the inside front cover of this manual.

Stand alone paint specifications may be put together by photocopying the following pages.

**Resene**  
the paint the professionals use

**Preamble and Schedule of Paint Systems**

Project: \_\_\_\_\_  
Location: \_\_\_\_\_  
Owner/agent: \_\_\_\_\_  
Specifier: \_\_\_\_\_  
Date: \_\_\_\_\_

No. \_\_\_\_\_

Area/substrate	Resene Spec No.	Surf Prep	Resene One-Line Specification			Colour Code
			1st Coat	2nd Coat	3rd Coat	

**Resene D82**  
the paint the professionals use  
Timber surfaces  
Colour: White, Grey, Black, Brown, Green, Blue, Red, Yellow

**Resene D31**  
the paint the professionals use

**Resene Hi-Glo**  
gloss waterborne/MIOX

**Physical Properties**

Vehicle Type	100% Acrylic
Pigmentation	Titanium Dioxide
Substrate	Most Applications
Finish	Gloss, Micro-gloss, Aluminium
Colour	R55, R60 & R325 ranges, Resene Total Colour System, White, Colours, Heritage and Hi-Glo
Dry Time	2 - 4 hours
Primer Required	None (dependent on surface)
Theoretical Coverage	12 sq metres per litre
Dry Film Thickness	25 microns at 12 sq metres/litre
Water Resistance	Thermoplastic
Chemical Resistance	Good
Alkali Resistance	Very Good
Acid Resistance	Good

**Typical Uses**

- Motorbikes
- Sinks
- Pipework
- Gas appliances
- Air conditioning
- Bathrooms
- Kitchen benches
- Backdrops
- Porcelain benches
- Aluminium door handling
- Aluminium
- PVC surfaces
- Repairs

**Performance and limitations**

- (1) Excellent interior adhesion
- (2) Excellent adhesion to Resene primers - also suitable overcoat
- (3) Outstanding flexibility on timber and steel
- (4) Acid and alkali resistant - suitable overcoat

**Limitations**

- (1) Do not apply at temperatures below 10°C or when it is likely to drop below 10°C during the drying period
- (2) Not normally used on opening surfaces and doors (see Resene Hi-Glo Clear Coat D320)
- (3) High gloss finishes should be discontinued for the first 24 hours of rain in order to flush away surface dust, leaving glossy finish
- (4) For UVPC surfaces, light colours are recommended as dark shades will cause yellowing
- (5) Not suitable for roof areas where water ponding occurs
- (6) Spraying Micro-gloss from Oxide colours will result in speck

If in doubt about any aspect of your specification please contact Resene.