

Resene Special Effects

With systems developed for virtually any use, Resene Special Effects will transform and add an extra dimension to a wide range of areas from exterior concrete and steelwork through to interior feature walls, doors, joinery and furniture. Like a chameleon that changes colour according to its surroundings, light striking a surface coated with Resene Special Effects creates the unexpected illusion of colour movement. A building coated with Resene Metallics shimmers in response to the sun's position and intensity. Resene Pearl Shimmer (see [Data Sheet D312](#)) is an acrylic pearlescent glaze ideal for creating shimmering wall finishes and softly sparkled features to add visual interest and diversity to any colour scheme.

Resene Special Effects are different in chemistry to waterborne finishes and epoxies and need to be handled with precision and care. Slight variations in colour may occur between Resene Enamacryl Metallic (see [Data Sheet D309a](#)) and Resene Imperite I.F. 503 (see [Data Sheet RA81](#)) due to their inherently different film forming properties.

Best System to Specify

In exterior situations, Resene Imperite I.F. 503 will have better general durability and is preferred especially over steelwork. Over concrete or timber surfaces, Resene Enamacryl Metallic is the recommended product. Generally Resene Enamacryl Metallic should be the preferred product indoors because of its Environmental Choice approval and low VOC's. Resene Pearl Shimmer is recommended for both exterior and interior areas.

Surface Preparation

Cementitious Surfaces - see [Surface Preparation D83](#) for detailed surface preparation guidelines.

Paperfaced Plasterboard - see [Surface Preparation D84 and D85](#) for detailed surface preparation guidelines.

Interior MDF Joinery - see [Surface Preparation D82](#) for detailed surface preparation guidelines.

A superb finish demands excellent surface preparation, and a Level 5 finish is recommended when painting paperfaced plasterboard to minimise surface imperfections. A Level 5 finish requires skim coating of the entire surface with Resene Broadwall Surface Prep. (see [Data Sheet D807](#)).

25e 1.3/5 Exterior Waterborne

Resene Enamacryl Metallic is recommended for exterior concrete and plaster, but should not be applied over fresh concrete. Alkalinity from concrete may attack the aluminium flake and thus destroy the integrity and appearance of the coating. Ensure cementitious surfaces are fully cured, or treated with Resene Limelock (see [Data Sheet D809](#)), before coating. The finish will vary depending on application technique. A sample panel should be agreed upon prior to painting commencing. Gloss levels vary between product bases - Blast Grey is flat, Aluminium base is satin. As with standard Resene Enamacryl (see [Data Sheet D309](#)), Resene Enamacryl Metallic and Resene Pearl Shimmer comply with Environmental Choice standards. The use of clear overcoats improves the cleanability and abrasion resistance of Resene Metallics while adding a subtle dimension to the paint finish. They may also improve the colour retention of the more sensitive colours. Resene Pearl Shimmer is always used in conjunction with a basecoat tinted to a selected colour. The choice of basecoat will depend on whether it is an interior or exterior application. Resene Pearl Shimmer is lightly tintable and may be applied over a wide variety of substrates, including trim and joinery, offering the user an almost infinite selection of colours.

Substrate	Resene Spec No.	Resene One-Line Specification					
		Surface Prep	1st Coat	2nd Coat	3rd Coat	4th Coat	5th Coat (optional)
Exterior Surfaces	25e 1.3/5	D83	Quick Dry D45	Lumbersider D34	Enamacryl Metallic D309a	Enamacryl Metallic D309a	Multishield+ D54a
Exterior Surfaces	25e 1.3/5^P	D83	Quick Dry D45	Lumbersider D34	Lumbersider D34	Pearl Shimmer D312	Multishield+ D54a

Note 1: Systems will vary depending on the condition of the substrate. For example, if the substrate is porous, substitute Resene Sureseal (see [Data Sheet D42](#)) for Resene Quick Dry Acrylic Primer Undercoat (see [Data Sheet D45](#)); and complete using your chosen basecoat and Resene Enamacryl Metallic or Resene Pearl Shimmer.

Note 2: Durability and washability of Resene Enamacryl Metallic and Resene Pearl Shimmer are enhanced with a final coat of Resene Multishield+ Gloss (see [Data Sheet D54a](#)).

Note 3: Resene Special Effects may be applied over existing substrates by changing priming requirements - see Resene Enamacryl Metallic or Resene Pearl Shimmer.

Note 4: As a result of the nature of the metallic and pearl flakes the underlying colour has a bearing on the final appearance. To ensure colour accuracy, a tinted basecoat is required.

*Flake pigmented products are more difficult to apply than standard decorative topcoats. Applicators/contractors should follow application guidelines available from Resene before commencing work. Resene can recommend applicators if required.

Special Effects Metallic and Pearlescent Finishes

Resene Enamacryl
Metallic, Resene
Imperite I.F. 503
and Resene Pearl
Shimmer

25e 2.3/5 Exterior Solventborne

Resene Imperite I.F. 503 is a spray-applied high performance coating for use on steelwork, concrete and joinery. The finish will vary depending on application technique. A sample panel should be agreed upon prior to painting commencing. Gloss levels vary between product bases - Blast Grey is flat, Aluminium base is satin. The use of clear overcoats improves the cleanability and abrasion resistance of Resene Metallics while adding a subtle dimension to the paint finish. They may also improve the colour retention of the more sensitive colours. For a metallic finish over exterior mild steel, see [22e 2.3^{M_{FM}T}](#) and [22e 2.3^{M_{FL}T}](#). For a metallic finish over exterior hot dipped galvanising, see [23e 2.3^{M_{FL}T}](#).

Substrate	Resene Spec No.	Resene One-Line Specification			
		Surface Prep	1st Coat *	2nd Coat	3rd Coat
Concrete Floor	25e 2.3/5	D83	Armourcote 510 RA40	Imperite I.F. 503 RA81	Uracryl 400 Series Clear

Note 1. Systems will vary depending on the condition of the substrate. For example, if the substrate is porous, substitute Resene Sureseal for Resene Quick Dry Acrylic Primer Undercoat; and topcoat in your chosen Resene Imperite I.F. 503.

Note 2. Resene Special Effects may be applied over existing substrates by changing the priming requirements - see the [Resene Engineered Coating Systems Manual](#).

Note 3. As a result of the nature of the metallic flakes the underlying colour has a bearing on the final appearance. To ensure colour accuracy, a tinted basecoat is required.

*Flake pigmented products are more difficult to apply than standard decorative topcoats. Applicators/contractors should follow application guidelines available from Resene before commencing work. Resene can recommend applicators if required.

25i 1.3/5 Interior Waterborne

Resene Enamacryl Metallic is recommended for interior walls and joinery, but should not be applied over fresh plaster. Alkalinity from plaster may attack the aluminium flake and thus destroy the integrity and appearance of the coating. Ensure cementitious surfaces are fully cured, or treated with Resene Limelock (see [Data Sheet D809](#)), before coating. The finish will vary depending on application technique. A sample panel should be agreed upon prior to painting commencing. Gloss levels vary between product bases - Blast Grey is flat, Aluminium base is satin. As with standard Resene Enamacryl, Resene Enamacryl Metallic and Resene Pearl Shimmer comply with Environmental Choice standards. The use of clear overcoats improves the cleanability and abrasion resistance of Resene Metallics while adding a subtle dimension to the appearance. They may also improve the colour retention of the more sensitive colours. Resene Pearl Shimmer is always used in conjunction with a basecoat tinted to a selected colour. The choice of basecoat will depend on whether it is an interior or exterior application. Resene Pearl Shimmer is lightly tintable and may be applied over a wide variety of substrates, including trim and joinery, offering the user an almost infinite selection of colours.

Substrate	Resene Spec No.	Resene One-Line Specification					
		Surface Prep	1st Coat	2nd Coat	3rd Coat	4th Coat	5th Coat (optional)
Anaglypta, Scandatex, etc	25i 1.3/5	D84, D85	Broadwall D403	Lumbersider D34	Enamacryl Metallic D309a	Enamacryl Metallic D309a	Aquaclear D59
Paperfaced Plasterboard (PF)	25i 1.3/51	D84, D85	Broadwall D403	Lumbersider D34	Enamacryl Metallic D309a	Enamacryl Metallic D309a	Aquaclear D59
MDF Joinery/ Doors	25i 1.3/52	D82	Quick Dry D45	Lumbersider D34	Enamacryl Metallic D309a	Enamacryl Metallic D309a	Aquaclear D59
Interior Surfaces	25i 1.3/52^P	D82 (MDF) D84, D85 (PF)	Quick Dry D45	Lumbersider D34	Lumbersider D34	Pearl Shimmer D312	Aquaclear D59

Note 1: Systems will vary depending on the condition of the substrate. For example, if the substrate is porous, substitute Resene Sureseal for Resene Quick Dry Acrylic Primer Undercoat; and complete using your chosen basecoat and Resene Enamacryl Metallic or Pearl Shimmer system.

Note 2: Durability and washability of Resene Enamacryl Metallic and Resene Pearl Shimmer are enhanced with a final coat of Resene Multishield+ Gloss.

Note 3: Resene Special Effects may be applied over existing substrates by changing priming requirements - see Resene Enamacryl Metallic or Resene Pearl Shimmer.

Note 4: As a result of the nature of the metallic and pearl flakes the underlying colour has a bearing on the final appearance. To ensure colour accuracy, a tinted basecoat is required.

*Flake pigmented products are more difficult to apply than standard decorative topcoats. Applicators/contractors should follow application guidelines available from Resene before commencing work. Resene can recommend applicators if required.

access specification information online at www.resene.co.nz (NZ) or www.resene.com.au (AUST)
minimise the effect of your project on the environment – see www.resene.co.nz/paintwise.htm

25i 2.3/5 Interior Solventborne

Resene Imperite I.F. 503 is a spray-applied high performance coating for use on steelwork, concrete, plaster finishes and joinery. The finish will vary depending on application technique. A sample panel should be agreed upon prior to painting commencing. Gloss levels vary between product bases - Blast Grey is flat, Aluminium base is satin. The use of clear overcoats improves the cleanability and abrasion resistance of Resene Special Effects while adding a subtle dimension to the appearance. They may also improve the colour retention of the more sensitive colours. For a metallic finish over interior mild steel, see [22i 2.3^{AEMF}](#)

Substrate	Resene Spec No.	Resene One-Line Specification			
		Surface Prep	1st Coat *	2nd Coat	3rd Coat
Concrete Floor	25i 2.3/5	D83]	Armourcote 510 RA40]	Imperite I.F. 503 RA81]	Uracryl 400 Series Clear
MDF Joinery/Doors	25i 2.3/51	D82]	Ultrafill 645]	Imperite I.F. 503 RA81]	Imperite I.F. 502 Clear RA82

Note 1: Systems will vary depending on the condition of the substrate.

Note 2: Resene Special Effects may be applied over existing substrates by changing the priming requirements - see the [Resene Engineered Coating Systems Manual](#).

Note 3: Resene Imperite I.F. 503 must be sprayed, however the Resene Uracryl 400 series may be brushed or rolled (Resene Uracryl must not be sprayed unless appropriate precautions are observed).

Note 4: Ultrafill 645 is a hi-build two coat undercoat manufactured by Resene Automotive and Performance Coatings.

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