

0671P RESENE PAINTING

Branded worksection

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Worksection abstract

This branded worksection *Template* is applicable to the in situ application of RESENE coating systems, including opaque paint and clear finishes to exterior and interior building elements. The worksection outlines requirements for materials, workmanship and equipment involved in the preparation and application of:

- Painting systems over various substrates, including the priming coat or system for the protection on non-structural metals;
- Clear finishes and transparent staining systems for high quality indoor woodwork.

The primary referenced standard is AS/NZS 2311, a guide to products and procedures for the painting of buildings for domestic, commercial and industrial use.

How to use this worksection

This worksection *Template* must be customised for each project. See [A guide to NATSPEC worksections \(www.natspec.com.au\)](#) for information on *Template* structure, word styles, and completing a worksection.

Related material located elsewhere in NATSPEC

If a listed worksection is not part of your subscription package and you wish to purchase it, contact NATSPEC.

Related material may be found in other worksections. See for example:

- *0183 Metals and prefinishes* for shop-applied paint finishes to services components.
- *0185 Timber products, finishes and treatment* for preservative and water repellent treatments.
- *0345 Steel – protective paint coatings*.
- *0656 Floor sanding and finishing*.
- *0672 Textured and membrane coatings* for high build and high performance elastomeric coatings.
- *0673 Powder coatings* for prefinishes.

Documenting this and related work

You may document this and related work as follows:

- Adapt the schedules in **SELECTIONS** to a Finishes schedule to your office documentation policy.

The *Normal* style text of this worksection may refer to items as being documented elsewhere in the contract documentation. Make sure they are documented.

Search acumen.architecture.com.au, the Australian Institute of Architects' practice advisory subscription service, for notes on the following:

- Painting.

Specifying ESD

The following may be specified by using default text:

- Coatings with low/zero VOC emission.

The following may be specified by including additional text:

- Recycled material, e.g. using recycled paint.
- Water based instead of solvent based coatings.
- Plant/mineral based paints, e.g. using linseed oil.
- Paints with recovery programs for unused/unwanted paints.

Refer to the NATSPEC TECHreport TR 01 on specifying ESD.

1 GENERAL

RESENE PAINTS (AUSTRALIA) LIMITED profile

For over 60 years, Resene have forged a reputation of excellence and quality in manufacturing products designed to meet the demanding standards of architectural and building industry professionals. The Resene product range includes paint and

specialist coatings for residential and commercial buildings. To help building professionals keep abreast of new developments in our product range Resene has an innovative range of architectural services and reference materials, including technical and specification manuals, the Resene Total Colour System, samples and online information. Sophisticated tinting technology enables Resene to produce durable colour options that remain true to colour long after they have been applied. Interlinked systems for decorative and high performance coatings allow you to achieve the same spectrum of colours in a wide variety of products.

Resene is committed to protecting the environment and joined the Environmental Choice Programme in 1996. Resene's commitment to this programme and a continuous development process reduces the risk Resene products may present to customers ensuring that safer, professional quality paint is available to everyone.

1.1 RESPONSIBILITIES

General

Requirement: Provide RESENE coating systems to substrates, as documented.

Documented is defined in *0171 General requirements* as meaning contained in the contract documents.

Performance

Requirement: Provide coating systems as follows:

- Consistent in colour, gloss level, texture and dry film thickness.
- Free of runs, sags, blisters, or other discontinuities.
- Paint systems which are fully opaque or at the documented level of opacity.
- Clear finishes at the level of transparency consistent with the product.
- Fully adhered.
- Resistant to environmental degradation within the manufacturer's stated life span.

Define verifiable outcomes relating to the overall worksection or system. Use design schedules as appropriate and delete from **SELECTIONS** if duplicated.

1.2 COMPANY CONTACTS

Resene technical contacts

Website: www.resene.com.au

1.3 CROSS REFERENCES

General

Requirement: Conform to the following:

- *0171 General requirements*.

0171 General requirements contains umbrella requirements for all building and services worksections.

List the worksections cross referenced by this worksection. *0171 General requirements* references the *018 Common requirements* subgroup of worksections. It is not necessary to repeat them here. However, you may also wish to direct the contractor to other worksections where there may be work that is closely associated with this work.

NATSPEC uses generic worksection titles, whether or not there are branded equivalents. If you use a branded worksection, change the cross reference here.

1.4 STANDARDS

Painting

General: To the recommendations of those parts of AS/NZS 2311 referenced in this worksection.

For decorative painting and colours, see AS/NZS 2633. For guidance on the management of lead paint in residential and commercial buildings, see AS/NZS 4361.2.

See AS/NZS 1680.1 Section 6 on the relationship between lighting design, paint surfaces and visual environments.

1.5 MANUFACTURER'S DOCUMENTS

Technical manuals

Resene Product Data Sheets and Safety Data Sheets: [Resene Product and Safety Data Sheets](#).

Fireshield Technical Data Sheets and Safety Data Sheets (SDS): [Fireshield Data Sheets](#).

It is important that all personnel on site have access to accurate, up to date technical information on the many products, materials and equipment used on a project. In most cases individual products are not used in isolation, but form part of a building process. Also a particular manufacturer's and/or supplier's requirements for handling, storage, preparation, installation,

finishing and protection of their product can vary from what might be considered the norm. Access to technical information can help overcome this potential problem.

1.6 INTERPRETATION

Definitions

General: For the purposes of this worksection the definitions given in AS/NZS 2310 and the following apply:

- Gloss: The optical property of a surface, characterised by its ability to reflect light specularly.
- Gloss unit: Numerical value for the amount of specular reflection relative to that of a standard surface under the same geometric conditions.

Gloss levels can be measured on site in gloss units with a digital gloss meter.

- Levels of gloss finish: When the specular direction is 60 degrees, surfaces with the following specular gloss reading is defined as follows:
 - . Full gloss: Over 85 gloss units.
 - . Gloss: Over 50 and up to 85 gloss units.
 - . Semi-gloss (satin): Over 20 and up to 50 gloss units.
 - . Low gloss (low sheen): Over 5 and up to 20 gloss units.
 - . Flat finish (matt): Up to 5 gloss units.
- Opacity: The ability of a paint or textured and membrane coating to obliterate the colour difference of a substrate.
- Paint or coating system: A product in liquid form, which when applied to a surface, forms a dry film having protective, decorative or other specific technical properties.
- Primer, prime coat: The first coat of a painting system that helps bind subsequent coats to the substrate and which may inhibit its deterioration.
- Sealer: A product used to seal substrates to prevent the following:
 - . Materials from bleeding through to the surface.
 - . Reaction of the substrate with incompatible top coats.
 - . Undue absorption of the following coat into the substrate.
- Substrate: The surface to which a material or product is applied.
- Undercoat: An intermediate coat formulated to prepare a primed surface or other prepared surface for the finishing coat.

Edit the **Definitions** subclause to suit the project or delete if not required. List alphabetically.

1.7 SUBMISSIONS

Fire hazard properties

Requirement: Submit evidence of conformance to PRODUCTS, **FIRE PERFORMANCE, Fire hazard properties.**

Products and materials

General: Submit the following at least 3 weeks before the paint is required:

- Paint product data sheets.
- Safety data sheets (SDS) showing the health and safety precautions to be taken during application.
- The published recommendations for maintenance.

Samples

Clear finish coatings: Submit labelled samples of timber or timber veneer matching those to be used in the works as follows:

- Label for identification and prepare, putty, stain, seal and coat, as documented.
- Size: Minimum 500 x 500 mm.

Opaque coatings: Submit labelled samples of each coating system, on representative substrates, showing surface preparation, colour, gloss level, texture, and physical properties.

Coated samples schedule

Substrate	Paint system	Colour	Sample size
Plasterboard	Flat waterborne: Interior	Off white	50 x 300 mm

Substrate	Paint system	Colour	Sample size

Use the schedule to list the samples for both clear finish and opaque coatings. Delete if not required.

Information entered in the table is an example. Edit as required.

Use this clause where appearance is the main criteria. Size and form of samples depend on the nature of the project.

Subcontractors

Specialist applicators: Submit names and contact details of proposed specialist applicators.

Evidence of experience: [complete/delete]

Delete if specialist applicator details are not required. A specialist applicator may be required for heritage, conservation or restoration projects, or other special decorative and artistic paint finishes, e.g. murals, aged patina finishes, washes and marbling.

Warranties

General: Submit the coating manufacturer's warranties as follows:

- [complete/delete]

Describe the requirements of warranties in **PRODUCTS** or **EXECUTION**, as appropriate, and list the submissions required here.

1.8 INSPECTION

Notice

Inspection: Give notice so that inspection may be made of the following:

- Opaque finishing stages:
 - . Completion of surface preparation.
 - . After application of final coat.
- Clear finishing stages:
 - . Before surface preparation of timber.
 - . Completion of surface preparation.
 - . After application of final coat.

Resene representatives will visit specific job sites as required to assist with advice on adequacy of preparation, special mixing requirements, standard of application, etc. However, this should not be regarded as 'supervision', but simply 'site assistance'. Amend to suit the project, adding critical stage inspections required.

Hold points, if required, should be inserted here. A project wide halt between each coat is considered impractical. Examples of inspections required include:

- Inspecting paintwork at various stages of completion in one visit.
- Critical paintwork: e.g. External steelwork in a marine environment.

Other painting stages which may be included:

- After application of prime or seal coats.
- After application of undercoat.
- After application of each subsequent coat.

Other clear finishing stages which may be included:

- After staining.
- After sanding of sealer.
- After application of each clear finishing coat.

- Fireshield coating stages:
 - . After application of Fireshield TimberClear 1FR.
 - . After application of Fireshield TimberClear 1FR Top coat.

2 PRODUCTS

2.1 GENERAL

Product substitution

Other products: Conform to PRODUCTS, **GENERAL, Substitutions** in *0171 General requirements*.

The *0171 General requirements* clause sets out the submissions required if the contractor proposes alternative products. Refer also to NATSPEC TECHnote GEN 006 for more information on proprietary specification.

Storage and handling

General: Store materials not in use in tightly covered containers in well-ventilated areas with temperatures maintained at the manufacturer's recommendations.

Delivery: Deliver paints to the site in the manufacturer's labelled and unopened containers.

Product identification

General: Marked to show the following:

- Manufacturer's identification.
- Product brand name.
- Product type.
- Quantity.
- Product reference code and batch number.
- Date of manufacture.

Edit the list to suit the project or delete if not required.

2.2 FIRE PERFORMANCE

Fire hazard properties

Group number: To AS 5637.1.

Non-sprinklered buildings: Wall and ceiling linings must either have an average specific extinction area less than 250 m²/kg or a smoke growth rate index not more than 100 as determined by AS 5637.1.

Refer to NATSPEC TECHnote DES 020 for information on fire hazard properties.

2.3 PAINTING MATERIALS

Combinations

General: Do not combine products from different manufacturers in a paint system.

Clear timber finish systems: Provide only the combinations of putty, stain and sealer recommended by the manufacturer of the topcoat.

Putty and fillers

Material: To the recommendations of Resene, suitable for the substrate and compatible with the primer.

Tinting

General: Provide only products which are colour tinted by the manufacturer or supplier.

If tinting is by the contractor, add tinters or stainers only if this does not adversely affect the durability or aesthetic performance of the product.

Toxic ingredients

General: To the *Poisons Standard (SUSMP)* Part 2 Section 7.

Part 2 Section 7 contains two groups. The first lists toxic pigment components such as barium and cadmium and the second lists toxic solvents. The First Group of paints are banned for use on roofs, furniture, fences and gates, surface of non-industrial buildings and in premises used for products intended for human consumption. Check for any state variations.

Fireshield intumescent coating

General: Halogen-free, intumescent coatings as follows:

- Fireshield 1FR Base coat (Clear).
- Fireshield 1FR Topcoat (Clear).

Fireshield Timberclear system achieves a Group 1 on timber 9 mm or thicker and with a density greater than 360 kg/m³.

Low VOC compliance reference table

Low VOC emitting paints: As defined by the Green Building Council of Australia (GBCA) specifications.
 The GBCA parameters are only applicable to interior products or products used on interior surfaces.
 To earn credit points for Green Star rating tools, nominate paints with total VOC content limits in Green Star Submission Guidelines. The requirements of Green Star rating tools are subject to change without notice so check the GBCA website for latest figures.
 GBCA specifications are subject to change without notice so seek latest figures.

NOTE: COMPLIANCE CRITERIA – GBCA specifications (obtain latest figures from GBCA).

Green Star Submission Guidelines Product Type	VOC Limits MAX g/litre	Resene Products compared to the GBCA specification	VOC g/litre (inc tint using Resene non VOC tinters)
Walls - interior low sheen	16	Resene Zylone Sheen VOC Free D302	0
Walls - interior flat	16	Resene Sandtex Standard and Superfine D71 (textured)	12
Ceilings - interior flat	16	Resene Ceiling Paint D305	1
Trim - exterior/interior gloss	75	Resene Enamacryl Gloss Waterborne Enamel D309a	63
Trim - exterior/interior semi-gloss	75	Resene Lustacryl Semi-Gloss Waterborne Enamel D310	63
Trim - interior semi-gloss	75	Resene Lustacryl Kitchen & Bathroom Semi-Gloss Waterborne Enamel D310K	63
Trim - exterior satin	75	Resene Lumbersider D34	35
Trim - exterior satin	75	Resene Waterborne Sidewalk D38a	30
Trim - low sheen	75	Resene SpaceCote Low Sheen Waterborne Enamel D311	55
Trim - low sheen	75	Resene SpaceCote Low Sheen Kitchen & Bathroom Waterborne Enamel D311K	55
Trim - flat	75	Resene SpaceCote Flat Waterborne Enamel D314	55
Interior latex undercoat	65	Resene Quick Dry Waterborne Primer Undercoat D45	53
Interior sealer	65	Resene Broadwall Surface Prep & Seal D807	27
Interior sealer	65	Resene Broadwall 3 in 1 D810	2
Interior sealer	65	Resene Broadwall Waterborne Wallboard Sealer D403	0
Interior sealer	65	Resene Waterborne	< 10

Green Star Submission Guidelines Product Type	VOC Limits MAX g/litre	Resene Products compared to the GBCA specification	VOC g/litre (inc tint using Resene non VOC tinters)
		Smooth Surface Sealer D47a	
Fire-resistant coating	200	Fireshield TimberClear 1FR	10
Fire-resistant coating	200	Fireshield TimberClear TOP 1FR	499

3 EXECUTION

3.1 PREPARATION

Order of work

Other trades: Before painting, complete the work of other trades as far as practicable within the area to be painted, except for the installation of fittings, floor sanding and laying flooring materials.

Clear finishes: Complete clear timber finishes before commencing opaque paint finishes in the same area.

Protection

General: Before painting, clean the area and protect it from dust contamination. Use drop sheets and masking agents to protect surfaces, including finished surfaces and adjacent finishes, during painting.

Fixtures and furniture: Remove door furniture, switch plates, light fittings and other fixtures before painting, and conform to the following:

- Labelling and storage: Attach labels or mark fixtures using a non-permanent method, identifying location and refixing instructions, if required. Store and protect against damage.

Difficult to remove fixtures: Where removal is impractical or difficult, apply surface protection before substrate preparation and painting.

Substrate preparation – generally

General: Prepare substrates to receive the painting systems to the paint manufacturer's recommendations.

Different surfaces require different preparations. Refer to AS/NZS 2311 clauses 3.2 to 3.14 for the preparation of different substrates and refer to clause 8.4 if using a different paint system for previously painted surfaces.

Cleaning: Clean down the substrate surface. Do not cause damage to the substrate or the surroundings.

Filling: Fill cracks and holes with fillers, sealants, putties or grouting cements as appropriate for the finishing system and substrate, and sand smooth.

- Clear finish: Provide filler tinted to match the substrate.

Clear timber finish systems: Prepare the surface so that its attributes will show through the clear finish without blemishes, using methods including the following:

- Removal of bruises.
- Removal of discolourations, including staining by oil, grease and nailheads.
- Bleaching where necessary to match the timber colour sample.
- Puttying.
- Fine sanding, with the last abrasive no coarser than 220 grit, so that there are no scratches across the grain.

High quality clear finishing of timber may require a higher standard of substrate preparation than those described in AS/NZS 2311.

Treated surfaces: If surfaces have been treated with preservatives or fire retardants, make sure coating is compatible with the treatment and does not adversely affect its performance.

Unpainted surfaces

Standard: To AS/NZS 2311 Section 3.

Previously painted surfaces

Previously painted surfaces may require specific reference to one of the methods recommended in AS/NZS 2311 Section 7 or AS 2312.1 Section 8. These sections provide guidance on criteria assessment and pretreatments such as mechanical power cleaning, flame cleaning, water blasting. See the following for guidance on managing previously painted surfaces:

- Surfaces which may contain lead: AS/NZS 4361.2.
- Set plaster and fibrous plaster surfaces: If diluted phosphoric acid solution is used for handling, see AS/NZS 2311 clause 3.10 and 3.11. Alternatively, document a paint system which includes a sealer.
- Metal surfaces: The AS 1627 series for the preparation requirements, pretreatments of different methods and cleaning levels.

Photographs and samples may be used for setting the level of cleaning.

Condition of substrate: [complete/delete]

AS/NZS 2311 Section 7 provides guidance on assessing the condition of the existing paint coating and provides recommendations of substrate preparation, depending on the condition.

Location of substrate in good condition: [complete/delete]

Location of substrate in poor condition: [complete/delete]

Preparation of a substrate in good condition: To AS/NZS 2311 clause 7.4.

Preparation of a substrate in poor condition: To AS/NZS 2311 clause 7.5.

Preparation of steel substrates with protective coatings: To AS 2312.1 Section 8 and AS 1627.1.

PVC-U: Clean with methylated spirit and a nylon scouring pad.

Wallpaper: Remove wallpaper and residual paste with clean water. Patch and repair substrate to a uniform surface before painting.

Lime wash paints: Remove by brushing with warm water.

Cleaning external surfaces

Sound external surfaces other than timber: Remove dirt, grease, loose and foreign matter, efflorescence and mould by water blasting or steam cleaning without damaging the surface. Remove remaining loose material with hand tools. Use sanding blocks to preserve the arrises of masonry and stone details.

Efflorescence: Eliminate the source of salt and water before cleaning. Allow surface to dry for 15 to 30 days before repainting.

New masonry: Allow 30 days for the masonry to cure and pH level to stabilise before painting.

High quality timber clear finishes may require a higher standard of preparation than those described in AS/NZS 2311.

Particular preparation requirements schedule

Use the **Particular preparation requirements schedule** to expand the worksection provisions for particular substrates and finishes. Delete if not required. Add here any specific requirements in addition to the general provisions of AS/NZS 2311 Sections 3 and 7.

Substrate	Preparation method	Applicable standard

See AS/NZS 2311 for guidance on:

- Timber products: Clause 3.2.
- Building boards: Clause 3.3.
- Iron and steel: Clause 3.4.
- Zinc-coated and zinc/aluminium alloy-coated steel: Clause 3.5.
- Aluminium: Clause 3.6.
- Copper and brass: Clause 3.7.
- Lead: Clause 3.8.
- Masonry: Clause 3.9.
- Set plaster: Clause 3.10.

- Fibrous plaster: Clause 3.11.
- Gypsum plasterboard: Clause 3.12.
- Plastics: Clause 3.13.
- Asbestos encapsulation or sealing: Clause 3.14.

3.2 APPLICATION

General

Requirement: To Resene One-Line Specifications and Product Data Manual data sheets and the requirements of this work section.

Light levels

General: ≥ 400 lux.

Substrate moisture content

Requirement: Use a moisture meter to demonstrate that the moisture content of the substrate is at or below the recommended maximum level for the type of paint and the substrate material.

Paint application

Standard: To AS/NZS 2311 Section 6.

Timing: Apply the first coat immediately after substrate preparation and before contamination of the substrate can occur. Apply subsequent coats after the manufacturer's recommended drying period has elapsed.

Painting conditions

General: Unless the paint is recommended for such conditions, do not paint under the following conditions:

- Dusty conditions.
- Relative humidity: $> 85\%$.
- Surface temperature: $< 10^{\circ}\text{C}$ or $> 35^{\circ}\text{C}$.

Priming timber before fixing

General: Apply one coat of wood primer, and 2 coats to end grain, to the back of the following before fixing in position:

- External fascia boards.
- Timber door and window frames.
- Bottoms of external doors.
- Associated trims and glazing beads.
- Timber board cladding.

Spraying

General: If the paint application is by spraying, use conventional or airless equipment which conforms to the following:

- Satisfactorily atomises paint being applied.
- Does not require paint to be thinned beyond the maximum amount recommended by the manufacturer.
- Does not introduce oil, water or other contaminants into the applied paint.

Paint with known health hazards: Provide personal protection, masking, ventilating and screening facilities to AS/NZS 4114.

AS/NZS 4114 sets out requirements for spray painting booths.

Sanding

Clear finishes: Sand the sealer using abrasives no coarser than 320 grit without cutting through the colour. Take special care with round surfaces and edges.

Repair

Requirement: Clean off marks, paint spots and stains progressively and restore damaged surfaces to their original condition.

Maintenance painting: To AS/NZS 2311 Section 8.

Repair of galvanizing

Cleaning: For galvanized surfaces which have been subsequently welded, power tool grind to remove all surface contaminants, including rust and weld splatter. Prime affected area immediately after cleaning.

Primer: Type 2 organic zinc-rich coating for the protection of steel to AS/NZS 3750.9.

Tinting

General: Tint each coat of an opaque coating system so that each has a noticeably different tint from the preceding coat, except for top coats in systems with more than one top coat.

Services

General: Paint all new services and equipment, including those in plant rooms, if not embedded, except chromium, anodised aluminium, GRP, PVC-U, stainless steel, non-metallic flexible materials and normally lubricated machined surfaces.

Proprietary items: Repaint only if damaged.

Windows

Operation: Make sure opening windows function correctly before and after painting.

Doors

Drying: Maintain door leaf in the open position during drying. Do not allow door hardware or accessories to damage the door finish during the drying process.

For example, rubber bumpers can adhere to semi-dry paint overnight when the door is closed.

Wet paint warning

Notices: Place in a conspicuous location and do not remove until the paint is dry.

3.3 FIRESHIELD APPLICATION**General**

Requirement: To Resene Fireshield's recommendations and as follows:

- Substrate moisture content not greater than 15%.
- Humidity less than 80%.
- Ventilate area during application and curing.
- Apply base coat with the Resene airless spray system and brush/roller for small linear areas.
- Apply topcoat with conventional airless spray or roller.
- Monitor and record wet film thickness.

3.4 COMPLETION**General**

Protection and masking: Remove masking and protection coverings before paint has dried.

Cleaning: On completion of painting, remove splatters from adjacent finished surfaces by washing, scraping or other methods which do not scratch or damage the surface.

Reinstatement: Repair, replace or refinish any damage, including works of other trades. Touch up new damaged paintwork or misses only with the paint batch used in the original application.

Fixtures: Refix removed and undamaged fixture in the original location, make sure they are properly fitted and in proper working order.

Disposal of paint and waste materials

Requirement: Conform to requirements of the local government authority.

Consider including requirements for the disposal of all hazardous materials associated with painting. Check if the local council waste facility caters for the disposal of paint and painting waste materials or if the paint manufacturer has a collection and recycling plan.

Spares

Spare material: Supply clearly labelled sealed containers of each type, coat and colour of paint/coating from the same batch, for future repair purposes.

Quantity of each type: [complete/delete]

Storage location: [complete/delete]

Nominate a location on site, or delivery to the Principal.

Warranties

Fireshield coatings: Provide the following:

- Resene's materials warranty.
- A workmanship warranty from the applicator.
 - . Period: 2 years.

Performance warranties, if required, must be discussed with the coatings manufacturer and be agreed on in writing before tender. Resene may provide a project specific warranty for the Fireshield coating. The warranty terms must be agreed before commencement of the project.

4 SELECTIONS

Schedules are a way of documenting a selection of proprietary or generic products or systems by their properties. Indicate their locations here and/or on the drawings. Refer to NATSPEC TECHnote GEN 024 for guidance on using and editing schedules.

4.1 EXTERIOR PAINTING SCHEDULES**Paint system schedules**

Paint system: To the **EXTERIOR PAINT SYSTEM** clause identified by the RESENE Specification Number.

Exterior finishes schedule

Substrate	Resene Spec Number	Colour

Complete the **Exterior finishes schedule** as follows:

- Substrate: For each application, refer to the clause that describes the appropriate substrate, e.g. **Exterior cementitious surfaces** and select the preferred finish coat type.
- Resene Spec. Number: Enter the Resene Spec. Number for the coating system associated with the finish coat description previously selected, into the **Exterior finishes schedule**. Activate the Word Document map drop down from View to facilitate faster access to the Resene product list.
- Colour: Consult Resene at www.resene.com.au to select the colour. Dark colours may cause warping on unstable substrates.

Add to the table for additional substrates as required.

4.2 EXTERIOR PAINT SYSTEMS

On completion of the **Exterior finishes schedule** delete each paint system description NOT used. The remaining paint system descriptions will instruct the builder.

Cool Colours: In exposed areas, darker colours are sun traps soaking in the sun's rays placing significant stress on the coating and the substrate. Resene has developed Cool Colour Technology reducing heat absorption of a wide range of colours, minimising the heat buildup in the coating, substrate and heat transference inside. Resene Cool Colours are currently available for the following products: Resene HI-Glo, Resene Sonyx 101, Resene Lumbersider, Resene X-200, Resene AquaShield, Resene Waterborne Sidewalk, Resene SpaceCote Flat, Resene Enamacryl and Resene Lustacryl. Contact your local Resene Representative or visit www.resene.co.nz for more information.

Exterior cementitious surfaces

Including concrete, concrete masonry, tilt slab, GRC, fibre reinforced cement boards, cement render including stucco, rough cast, EIFS.

For more information: See [Concrete and Cementitious Surfaces](#).

Description	Resene One-Line Spec	Surface prep	Surface prep	2nd coat	3rd coat
Exterior cementitious surfaces, waterborne	SIPDS No. 3 Concrete & Cementitious and Spec Sheet	For plaster, render, stucco, roughcast - Resene	For sound cementitious surfaces - Resene	Resene Hi-Glo D31 , waterborne gloss	Resene Hi-Glo D31 , waterborne

Description	Resene One-Line Spec	Surface prep	Surface prep	2nd coat	3rd coat
gloss	3:1/1	Limelock D809, waterborne cure/seal	Concrete Primer D405, waterborne primer; or For powdery surfaces - Resene Sureseal D42, solvent-borne sealer, or For smooth polished surfaces – Resene concert shield 3 in 1 D409		
Exterior cementitious surfaces, waterborne semi-gloss	SIPDS No. 3 Concrete & Cementitious and Spec Sheet 3:1/1	For plaster, render, stucco, roughcast - Resene Limelock D809, waterborne cure/seal	For sound cementitious surfaces - Resene Concrete Primer D405, waterborne primer; or For powdery surfaces - Resene Sureseal D42, solvent-borne sealer; or For smooth polished surfaces – Resene concert shield 3 in 1 D409	Resene Sonyx 101 D30, waterborne semi-gloss	Resene Sonyx 101 D30, waterborne semi-gloss
Exterior cementitious surfaces, waterborne satin	SIPDS No. 3 Concrete & Cementitious and Spec Sheet 3:1/1	For plaster, render, stucco, roughcast - Resene Limelock D809, waterborne cure/seal	For sound cementitious surfaces - Resene Concrete Primer D405, waterborne primer; or For powdery surfaces - Resene Sureseal D42, solvent-borne sealer; or For smooth polished surfaces – Resene concert shield 3 in 1 D409	Resene Lumbersider D34, waterborne satin	Resene Lumbersider D34, waterborne satin

Description	Resene One-Line Spec	Surface prep	Surface prep	2nd coat	3rd coat
Exterior cementitious surfaces, waterborne mineral flat	SIPDS No. 3 Concrete & Cementitious and Spec Sheet 3:1/1	For plaster, render, stucco, roughcast - Resene Limelock D809 , waterborne cure/seal	For sound cementitious surfaces - Resene Aquapel D65 ; or For powdery surface - Resene Sureseal D42 , solvent-borne sealer	Resene Aquashield D601 , waterborne mineral flat	Resene Aquashield D601 , waterborne mineral flat

Exterior timbers

For more information: See [Timber and Timber Composites](#).

Description	Resene Surface information and preparation data sheet	Surface prep	1st coat	2nd coat	3rd coat
Exterior timbers, waterborne gloss	SIPDS No. 2 Timber and Spec Sheet 2:1/1	If required, Resene TimberLock D48 , solvent-borne preserver/conditioner	For normal recommended system - Resene Quick Dry D45 , waterborne primer/undercoat; or For timber that stains - Resene Wood Primer D40 , solvent-borne primer	Resene Hi-Glo D31 , waterborne gloss	Resene Hi-Glo D31 , waterborne gloss
Exterior timbers, waterborne semi-gloss	SIPDS No. 2 Timber and Spec Sheet 2:1/1	If required, Resene TimberLock D48 , solvent-borne preserver/conditioner	For normal recommended system - Resene Quick Dry D45 , waterborne primer/undercoat; or For timber that stains - Resene Wood Primer D40 , solvent-borne primer	Resene Sonyx 101 D30 , waterborne semi-gloss	Resene Sonyx 101 D30 , waterborne semi-gloss
Exterior timbers, waterborne satin	SIPDS No. 2 Timber and Spec Sheet 2:1/1	If required, Resene TimberLock D48 , solvent-borne preserver/conditioner	For normal recommended system - Resene Quick Dry D45 , waterborne primer/undercoat; or For timber that stains - Resene Wood Primer	Resene Lumbersider D34 , waterborne satin	Resene Lumbersider D34 , waterborne satin

Description	Resene Surface information and preparation data sheet	Surface prep	1st coat	2nd coat	3rd coat
			D40, solvent-borne primer		
Exterior timbers, solvent-borne gloss	SIPDS No. 2 Timber and Spec Sheet 2:7/1	If required, Resene TimberLock D48, solvent-borne preserver/conditioner	For normal recommended system - Resene Quick Dry D45, waterborne primer/undercoat; or For hardboard only - Resene Sureseal D42, solvent-borne sealer	Resene Enamel Undercoat D44, waterborne undercoat	3 rd and 4 th coat Resene Super Gloss D32, solvent-borne gloss

Exterior timber, stains and clear finishes

For more information: See Timber and Timber Composites.

Description	Resene Surface information and preparation data sheet	Surface prep	1st coat	2nd coat	3rd coat
Exterior timbers, stains and clear finishes, waterborne stain This system is not suitable for decks	SIPDS No. 2 Timber and Spec Sheet 2:4/1		Resene Waterborne Woodsman D57a, waterborne stain	Resene Waterborne Woodsman D57a, waterborne stain	Resene Waterborne Woodsman D57a, waterborne stain (after 3 months)
Exterior timbers, stains and clear finishes, solvent-borne flat. If used on decks this system may not meet the slip resistance requirements of the NCC	SIPDS No. 2 Timber and Spec Sheet 2:4/1		Resene Woodsman D57, solvent-borne stain	Resene Woodsman D57, solvent-borne stain	Resene Woodsman D57, solvent-borne stain (after 3 months)

Exterior timber joinery

Including doors and windows. For more information: See Timber and Timber Composites.

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
Exterior timber joinery, waterborne	SIPDS No. 2 Timber and Spec Sheet	If required, Resene TimberLock D48, solvent-borne	For normal recommended system - Resene	Resene Enamacryl D309a,	Resene Enamacryl D309a,

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
gloss	2:7/1	preserver/conditioner	Quick Dry D45, waterborne primer/undercoat; or For timber that stains - Resene Wood Primer D40, solvent-borne primer	waterborne gloss enamel	waterborne gloss enamel
Exterior timber joinery, waterborne semi-gloss	SIPDS No. 2 Timber and Spec Sheet 2:7/1	If required, Resene TimberLock D48, solvent-borne preserver/conditioner	For normal recommended system - Resene Quick Dry D45, waterborne primer/undercoat; or For timber that stains - Resene Wood Primer D40, solvent-borne primer	Resene Lustacryl D310, waterborne semi-gloss enamel	Resene Lustacryl D310, waterborne semi-gloss enamel
Exterior timber joinery, solvent-borne gloss	SIPDS No. 2 Timber and Spec Sheet 2:7/1	If required, Resene TimberLock D48, solvent-borne preserver/conditioner	For normal recommended system - Resene Quick Dry D45, waterborne primer/undercoat; or For timber that stains - Resene Wood Primer D40, solvent-borne primer	Resene Enamel Undercoat D44, waterborne undercoat	3 rd and 4 th coats Resene Super Gloss D32, solvent-borne gloss

Exterior timber decks, pergolas and fences

For more information: See [Timber and Timber Composites](#).

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
Exterior timber decks, pergolas and fences, waterborne satin. If used on decks this system may not meet the slip resistance requirements of the building code. SRG Grit can be added to improve performance.	SIPDS No. 2 Timber and Spec Sheet 2:6/1		For normal recommended system - Resene Quick Dry D45, waterborne primer/undercoat; or For timber that stains - Resene Wood Primer D40, solvent-borne primer	Resene Lumbersider D34, waterborne satin	Resene Lumbersider D34, waterborne satin
Exterior timber	SIPDS No. 2		For normal	Resene Non-	Resene Non-

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
decks, non-skid finish	Timber and Spec Sheet 2:6/1		recommended system - Resene Quick Dry D45 , waterborne primer/undercoat; or For timber that stains - Resene Wood Primer D40 , solvent-borne primer	Skid Deck & Path D313	Skid Deck & Path D313
Exterior timber decks, pergolas and fences, waterborne stain. This system is not suitable for decks.	SIPDS No. 2 Timber and Spec Sheet 2:4/1		Resene Waterborne Woodsman D57a , waterborne stain	Resene Waterborne Woodsman D57a , waterborne stain	Resene Waterborne Woodsman D57a , waterborne stain (after 3 months)
Exterior timber decks, pergolas and fences, solvent-borne stain. If used on decks this system may not meet the slip resistance requirements of the NCC.	SIPDS No. 2 Timber and Spec Sheet 2:5/1		Resene Woodsman D57 , solvent-borne stain	Resene Woodsman D57 , solvent-borne stain	Resene Woodsman D57 , solvent-borne stain (after 3 months)
Exterior timber decks, pergolas and fences, solvent-borne stain. If used on decks this system may not meet the slip resistance requirements of the NCC.	SIPDS No. 2 Timber and Spec Sheet 2:5/1		Resene Kwila Timber Stain D501 , solvent-borne stain	Resene Kwila Timber Stain D501 , solvent-borne stain	-

Exterior galvanized steel and zincalume

For more information: See. [Steel, Metal, and Metal Roofing](#).

For demanding and aggressive exterior environments, refer to [Resene Engineered Coating Systems](#).

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
Exterior galvanized steel and Zincalume, waterborne gloss	SIPDS No. 4 Metal / Steel and Spec Sheet 4:2/1		Resene GP Metal Primer D411 , 2 coats of primer when used within 500 m of sea	Resene Hi-Glo D31 , waterborne gloss	Resene Hi-Glo D31 , waterborne gloss

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
			and strongly recommended for non-rain washed areas		
Exterior galvanized steel and Zinalume, waterborne semi-gloss	SIPDS No. 4 Metal / Steel and Spec Sheet 4:2/1		Resene GP Metal primer D411, 2 coats of primer when used within 500 m of sea and strongly recommended for non-rain washed areas	Resene Sonyx 101 D30, waterborne semi-gloss	Resene Sonyx 101 D30, waterborne semi-gloss
Exterior galvanized steel and Zinalume, waterborne satin	SIPDS No. 4 Metal / Steel and Spec Sheet 4:2/1		Resene GP Metal Primer D411, 2 coats of primer when used within 500 m of sea and strongly recommended for non-rain washed areas. System not suitable for roofs	Resene Lumbersider D34, waterborne satin	Resene Lumbersider D34, waterborne satin
Exterior galvanized steel and Zinalume, solvent-borne gloss system not suitable for roofs	SIPDS No. 4 Metal / Steel and Spec Sheet 4:2/1		Resene GP Metal Primer D411	Resene Enamel undercoat D44	Resene Super Gloss D32, solvent-borne gloss

Exterior cedar

For more information: See [Timber and Timber Composites](#).

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
Exterior cedar, waterborne gloss	SIPDS No. 2 Timber and Spec Sheet 2:1/1	If required, Resene TimberLock D48, solvent-borne preserver/conditioner	Resene Wood Primer D40, solvent-borne primer	Resene Hi-Glo D31, waterborne gloss	Resene Hi-Glo D31, waterborne gloss
Exterior cedar, waterborne semi-gloss	SIPDS No. 2 Timber and Spec Sheet 2:1/1	If required, D82; and Resene TimberLock D48, solvent-borne preserver/conditioner	Resene Wood Primer D40, solvent-borne primer	Resene Sonyx 101 D30, waterborne semi-gloss	Resene Sonyx 101 D30, waterborne semi-gloss
Exterior cedar, waterborne satin	SIPDS No. 2 Timber and Spec Sheet 2:1/1	If required, D82; and Resene TimberLock D48, solvent-borne preserver/conditioner	Resene Wood Primer D40, solvent-borne primer	Resene Lumbersider D34, waterborne satin	Resene Lumbersider D34, waterborne satin
Exterior cedar, waterborne	SIPDS No. 2 Timber and		Resene Waterborne	Resene Waterborne	Resene Waterborne

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
stain	Spec Sheet 2:4/1		Woodsman D57a , waterborne stain	Woodsman D57a , waterborne stain	Woodsman D57a , waterborne stain (after 3 months)
Exterior cedar, solvent-borne stain	SIPDS No. 2 Timber and Spec Sheet 2:4/1		For stained finish - Resene Woodsman D57 , solvent-borne stain	Resene Woodsman D57 , solvent-borne stain	Resene Woodsman D57 , solvent-borne stain (after 3 months)

Concrete waterproofing membranes

For more information: See [Concrete and Cementitious Surfaces](#).

Textured samples should be approved before work commencing.

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
Waterproofing membranes, waterborne low sheen	SIPDS No. 3 Concrete & Cementitious and Spec Sheet 3:1/1	For plaster, render, stucco, roughcast - Resene Limelock D809 , waterborne cure/seal, or For powdery surfaces - Resene Sureseal D42 , solvent-borne sealer	Self priming on sound concrete - Resene X-200 D62 , waterborne low sheen	Resene X-200 D62 , waterborne low sheen	Resene X-200 D62 , waterborne low sheen

Exterior metallic finishes

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
Exterior waterborne metallic		For plaster, render, stucco, roughcast - Resene Limelock D809 , waterborne cure/seal	Resene Quick Dry D45 , waterborne primer/undercoat Refer Resene Technical before specifying	Resene Lumbersider D34 , waterborne satin in base colour	3rd/4th coat: Resene Enamacryl Metallic D309a , waterborne metallic

4.3 INTERIOR PAINTING SCHEDULES

Paint system schedules

Paint system: To the **INTERIOR PAINT SYSTEM** clause identified by the Resene Specification Number.

Interior finishes schedule

Room name	Code	Substrate	Resene Spec Number	Colour

Room name	Code	Substrate	Resene Spec Number	Colour

Complete the **Interior finishes schedule** as follows:

- Room name: As appropriate for the project. Add to the table for additional rooms as required. Add a column for a room number as required.
- Code: A designation code may be required to reference a Finishes Schedule to your office documentation policy. In this case the Room name and number would appear on the Finishes schedule and could be deleted here.
- Substrate: For each application refer to the clause that describes the appropriate substrate e.g. **Interior cementitious surfaces** and select the preferred finish coat type.
- Resene Spec. number: Enter the Resene Spec. Number for the coating system associated with the finish coat description previously selected, into the **Interior finishes schedule**. Activate the Word Document map drop down from View to facilitate faster access to the Resene product list.
- Colour: Consult Resene at www.resene.com.au to select the colour.

4.4 INTERIOR PAINT SYSTEMS

On completion of all interior finishes delete each paint system description NOT used. The remaining paint system descriptions will instruct the builder.

Resene interior paint systems

Interior paint systems: Supply the listed Resene systems for the following substrates.

Select the appropriate first coat by deleting those not applicable.

Interior cementitious surfaces

For more information: See [Concrete and Cementitious Surfaces](#).

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
Interior cementitious surfaces, waterborne gloss	SIPDS No. 3 Concrete & Cementitious and Spec Sheet 3:6/1	For plaster or render - Resene Limelock D809 , waterborne cure/seal	For sound cementitious surfaces - Resene Concrete Primer D405 , waterborne primer; or For powdery surfaces - Resene Sureseal D42 , solvent-borne sealer	Resene Enamacryl D309a , waterborne gloss	Resene Enamacryl D309a , waterborne gloss
Interior cementitious surfaces, waterborne semi-gloss	SIPDS No. 3 Concrete & Cementitious and Spec Sheet 3:6/1	For plaster or render - Resene Limelock D809 , waterborne cure/seal	For sound cementitious surfaces - Resene Concrete Primer D405 , waterborne primer; or For powdery surfaces - Resene Sureseal D42 , solvent-borne sealer; or	Resene Lustacryl D310 , waterborne semi-gloss enamel	Resene Lustacryl D310 , waterborne semi-gloss enamel

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
Interior cementitious surfaces, waterborne satin	SIPDS No. 3 Concrete & Cementitious and Spec Sheet 3:6/1	For plaster or render - Resene Limelock D809 , waterborne cure/seal	For sound cementitious surfaces - Resene Concrete Primer D405 , waterborne primer; or For powdery surfaces - Resene Sureseal D42 , solvent-borne sealer	Resene Lumbersider D34 , waterborne satin	Resene Lumbersider D34 , waterborne satin
Interior cementitious surfaces, waterborne low sheen	SIPDS No. 3 Concrete & Cementitious and Spec Sheet 3:6/1	For plaster or render - Resene Limelock D809 , waterborne cure/seal	For sound cementitious surfaces - Resene Concrete Primer D405 , waterborne primer; or For powdery surfaces - Resene Sureseal D42 , solvent-borne sealer	Resene Zylone Sheen or Resene Zylone Sheen VOC Free D302 , waterborne low sheen	Resene Zylone Sheen or Resene Zylone Sheen VOC Free D302 , waterborne low sheen
Interior cementitious surfaces, waterborne low sheen	SIPDS No. 3 Concrete & Cementitious and Spec Sheet 3:6/1	For plaster or render - Resene Limelock D809 , waterborne cure/seal	For sound cementitious surfaces - Resene Concrete Primer D405 , waterborne primer; or For powdery surfaces - Resene Sureseal D42 , solvent-borne sealer	Resene SpaceCote Low Sheen D311 , waterborne low sheen enamel	Resene SpaceCote Low Sheen D311 , waterborne low sheen enamel
Interior cementitious surfaces, waterborne flat enamel	SIPDS No. 3 Concrete & Cementitious and Spec Sheet 3:6/1	For plaster or render - Resene Limelock D809 , waterborne cure/seal	For sound cementitious surfaces - Resene Concrete Primer D405 , waterborne primer; or For powdery surfaces - Resene Sureseal D42 , solvent-borne sealer	Resene SpaceCote Flat D314 , waterborne flat enamel	Resene SpaceCote Flat D314 , waterborne flat enamel

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
Interior cementitious surfaces, solvent-borne gloss	SIPDS No. 3 Concrete & Cementitious and Spec Sheet 3:6/1	For plaster or render - Resene Limelock D809 , waterborne cure/seal	For sound cementitious surfaces - Resene Concrete Primer D405 , waterborne primer; or For powdery surfaces - Resene Sureseal D42 , solvent-borne sealer	Resene Super Gloss D32 , solvent-borne gloss	Resene Super Gloss D32 , solvent-borne gloss
Interior cementitious surfaces, solvent-borne semi-gloss		For thin plaster - Resene Limelock D809 , waterborne cure/seal	For sound cementitious surfaces - Resene Concrete Primer D405 , waterborne primer; or For powdery surfaces - Resene Sureseal D42 , solvent-borne sealer	Resene Lusta-Glo D33 , solvent-borne semi-gloss	Resene Lusta-Glo D33 , solvent-borne semi-gloss

Interior timber stains and clear finishes

For more information: See [Timber and Timber Composites](#).

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd/4th coat
Interior timbers, waterborne gloss	SIPDS No. 2 Timber and Spec Sheet 2:10/1		Stained finish - Resene Waterborne Colorwood D50a , waterborne wood stain; or Clear finish - Resene Aquaclear D59 , waterborne gloss urethane	Resene Aquaclear D59 , waterborne gloss urethane	Resene Aquaclear D59 , waterborne gloss urethane
Interior timbers, waterborne semi-gloss	SIPDS No. 2 Timber and Spec Sheet 2:10/1		Stained finish - Resene Waterborne Colorwood D50a , waterborne wood stain; or Clear finish - Resene	Resene Aquaclear D59 , waterborne semi-gloss urethane	Resene Aquaclear D59 , waterborne semi-gloss urethane

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd/4th coat
			Aquaclear D59, waterborne gloss urethane		
Interior timbers, waterborne satin	SIPDS No. 2 Timber and Spec Sheet 2:10/1		Stained finish - Resene Waterborne Colorwood D50a, waterborne wood stain; or Clear finish - Resene Aquaclear D59, waterborne gloss urethane	Resene Aquaclear D59, waterborne satin urethane	Resene Aquaclear D59, waterborne satin urethane
Interior timbers, solvent-borne gloss	SIPDS No. 2 Timber and Spec Sheet 2:10/1		Stained finish - Resene Waterborne Colorwood D50a, waterborne wood stain; or Clear finish - Resene Poly-Flat D52, solvent-borne flat clear; or For particleboard and fibre board - Resene Aquaclear D59, waterborne gloss urethane	Resene Poly-Gloss D52, solvent-borne gloss clear	Resene Poly-Gloss D52, solvent-borne gloss clear
Interior timbers, heavy duty solvent-borne gloss	SIPDS No. 2 Timber and Spec Sheet 2:11/1		Heavy duty finish - Resene Polythane D53, solvent-borne gloss clear	Resene Polythane D53, solvent-borne gloss clear	Resene Polythane D53, solvent-borne gloss clear
Interior timbers, solvent-borne satin	SIPDS No. 2 Timber and Spec Sheet 2:10/1		Stained finish - Resene Waterborne Colorwood D50a, waterborne wood stain; or Clear finish - Resene Poly-Flat D52, solvent-borne flat clear; or For particleboard and fibre board - Resene Aquaclear D59, waterborne gloss urethane	Resene Poly-Satin D52, solvent-borne satin clear	Resene Poly-Satin D52, solvent-borne satin clear

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd/4th coat
Interior timbers, solvent-borne flat	SIPDS No. 2 Timber and Spec Sheet 2:10/1		Stained finish - Resene Waterborne Colorwood D50a , waterborne wood stain; or Clear finish - Resene Poly-Flat D52 , solvent-borne flat clear; or For particleboard and fibre board - Resene Aquaclear D59 , waterborne gloss urethane	Resene Poly-Flat D52 , solvent-borne flat clear	Resene Poly-Flat D52 , solvent-borne flat clear

Interior timber floors, stains and clear finishes dedicated section for floors

For more information: [See Timber and Timber Composites.](#)

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd/4th/5th coat
Interior timbers, waterborne gloss	SIPDS No. 2 Timber and Spec Sheet 2:10/1		For stained finish - Resene Waterborne Colorwood D50a , waterborne wood stain; or Clear finish - Resene Aquaclear D59 , waterborne gloss urethane	Resene Aquaclear D59 , waterborne gloss urethane	Resene Aquaclear D59 , waterborne gloss urethane
Interior timbers, waterborne semi-gloss	SIPDS No. 2 Timber and Spec Sheet 2:10/1		For stained finish - Resene Waterborne Colorwood D50a , waterborne wood stain; or Clear finish - Resene Aquaclear D59 , waterborne gloss urethane	Resene Aquaclear D59 , waterborne semi-gloss urethane	Resene Aquaclear D59 , waterborne semi-gloss urethane
Interior timbers, waterborne satin	SIPDS No. 2 Timber and Spec Sheet 2:10/1		For stained finish - Resene Waterborne Colorwood D50a , waterborne wood stain; or	Resene Aquaclear D59 , waterborne satin urethane	Resene Aquaclear D59 , waterborne satin urethane

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd/4th/5th coat
			Clear finish - Resene Aquaclear D59, waterborne gloss urethane		
Interior timbers, solvent-borne gloss	SIPDS No. 2 Timber and Spec Sheet 2:11/1		For heavy duty finish - Resene Polythane D53, solvent-borne gloss clear; or For particle board and fibre board - Resene Aquaclear D59, waterborne gloss urethane	Resene Polythane D53, solvent-borne gloss clear	Resene Polythane D53, solvent-borne gloss clear
Interior timbers, solvent-borne satin	SIPDS No. 2 Timber and Spec Sheet 2:10/1		For stained finish - Resene Waterborne Colorwood D50a, waterborne wood stain; or For clear finish - Resene Poly-Satin D52, solvent-borne satin clear; or For particle board and fibre board - Resene Aquaclear D59, waterborne urethane	Resene Poly-Satin D52, solvent-borne satin clear	Resene HD Poly-Satin D52, solvent-borne satin clear

Interior timber joinery

For more information: See [Timber and Timber Composites](#).

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
Interior timber joinery, waterborne gloss	SIPDS No. 2 Timber and Spec Sheet 2:9/1		For normal recommended system - Resene Quick Dry D45; waterborne primer/undercoat; or For timber that stains - Resene Wood Primer D40, solvent-borne primer; or For painting over varnish - Resene Waterborne	Resene Enamacryl D309a, waterborne gloss enamel	Resene Enamacryl D309a, waterborne gloss enamel

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
			Smooth Surface Sealer D47a , waterborne sealer		
Interior timber joinery, waterborne semi-gloss	SIPDS No. 2 Timber and Spec Sheet 2:9/1		For normal recommended system - Resene Quick Dry D45; waterborne primer/undercoat; or For timber that stains - Resene Wood Primer D40 , solvent-borne primer; or For painting over varnish - Resene Waterborne Smooth Surface Sealer D47a , waterborne sealer	Resene Lustacryl D310 , waterborne semi-gloss enamel	Resene Lustacryl D310 , waterborne semi-gloss enamel
Interior timber joinery, waterborne low sheen	SIPDS No. 2 Timber and Spec Sheet 2:9/1		For normal recommended system - Resene Quick Dry D45; waterborne primer/undercoat; or For timber that stains - Resene Wood Primer D40 , solvent-borne primer; or For painting over varnish - Resene Waterborne Smooth Surface Sealer D47a , waterborne sealer	Resene SpaceCote Low Sheen D311 , waterborne low sheen enamel	Resene SpaceCote Low Sheen D311 , waterborne low sheen enamel
Interior timber joinery, waterborne flat	SIPDS No. 2 Timber and Spec Sheet 2:9/1		For normal recommended system - Resene Quick Dry D45; waterborne primer/undercoat; or For timber that stains - Resene Wood Primer D40 , solvent-borne primer; or For painting over varnish - Resene	Resene SpaceCote Flat D314 , waterborne flat enamel	Resene SpaceCote Flat D314 , waterborne flat enamel

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
			Waterborne Smooth Surface Sealer D47a , waterborne sealer		
Interior timber joinery, solvent-borne gloss	SIPDS No. 2 Timber and Spec Sheet 2:9/1		For normal recommended system - Resene Quick Dry D45; waterborne primer/undercoat; or For timber that stains - Resene Wood Primer D40 , solvent-borne primer; or For painting over varnish - Resene Waterborne Smooth Surface Sealer D47a , waterborne sealer	Resene Enamel Undercoat	Resene Super Gloss D32 , solvent-borne gloss
Interior timber joinery, solvent-borne semi-gloss	SIPDS No. 2 Timber and Spec Sheet 2:9/1		For normal recommended system - Resene Quick Dry D45; waterborne primer/undercoat; or For timber that stains - Resene Wood Primer D40 , solvent-borne primer; or For painting over varnish - Resene Waterborne Smooth Surface Sealer D47a , waterborne sealer	Resene Lusta-Glo D33 , solvent-borne semi-gloss	Resene Lusta-Glo D33 , solvent-borne semi-gloss
Interior timber joinery, clear waterborne gloss	SIPDS No. 2 Timber and Spec Sheet 2:10/1		For stained finish - Resene Waterborne Colorwood D50a , waterborne wood stain; or For clear finish - Resene Aquaclear D59 , waterborne gloss urethane	Resene Aquaclear D59 , waterborne gloss urethane	Resene Aquaclear D59 , waterborne gloss urethane
Interior timber joinery, clear	SIPDS No. 2 Timber and		For stained finish - Resene	Resene Aquaclear D59 ,	Resene Aquaclear D59 ,

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
waterborne semi-gloss	Spec Sheet 2:10/1		Waterborne Colorwood D50a , waterborne wood stain; or For clear finish - Resene Aquaclear D59 , waterborne gloss urethane	waterborne semi-gloss urethane	waterborne semi-gloss urethane
Interior timber joinery, clear waterborne satin	SIPDS No. 2 Timber and Spec Sheet 2:10/1		For stained finish - Resene Waterborne Colorwood D50a , waterborne wood stain; or For clear finish Resene Aquaclear D59 , waterborne gloss urethane	Resene Aquaclear D59 , waterborne satin urethane	Resene Aquaclear D59 , waterborne satin urethane
Interior timber joinery, clear solvent-borne gloss	SIPDS No. 2 Timber and Spec Sheet 2:10/1		For stained finish - Resene Waterborne Colorwood D50a , waterborne wood stain; or For clear finish - Resene Poly-Flat D52	Resene Poly-Gloss D52 , solvent-borne gloss clear	Resene Poly-Gloss D52 , solvent-borne gloss clear
Interior timber joinery, clear heavy duty solvent-borne gloss	SIPDS No. 2 Timber and Spec Sheet 2:11/1		For heavy duty finish - Resene Polythane D53 , solvent-borne gloss clear; or For particle board and fibre board - Resene Aquaclear D59 , waterborne gloss urethane	Resene Polythane D53 , solvent-borne gloss clear	Resene Polythane D53 , solvent-borne gloss clear
Interior timber joinery, clear solvent-borne satin	SIPDS No. 2 Timber and Spec Sheet 2:10/1		For stained finish - Resene Waterborne Colorwood D50a , waterborne wood stain; or For clear finish - Resene Poly-Satin D52 , solvent-borne satin clear	Resene Poly-Satin D52 , solvent-borne satin clear	Resene Poly-Satin D52 , solvent-borne satin clear

Interior paper faced plaster/solid plaster/fibrous plaster

For more information: See [Interior Wallboards - Walls and Ceilings](#).

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd/4th coat
Waterborne low sheen	SIPDS No. 1 Interior Wallboard and Spec Sheet 1:1/1		For wet area, stained, porous or powdery areas, solid plaster, fibrous plaster - Resene Sureseal D42; solventborne sealer	Resene Zylone Sheen or Resene Zylone Sheen VOC Free D302, waterborne low sheen	Resene Zylone Sheen or Resene Zylone Sheen VOC Free D302, waterborne low sheen
	SIPDS No. 1 Interior Wallboard and Spec Sheet 1:1/1		Other areas Resene Broadwall Waterborne Wallboard Sealer D403	Resene Zylone Sheen or Resene Zylone Sheen VOC Free D302, waterborne low sheen	Resene Zylone Sheen or Resene Zylone Sheen VOC Free D302, waterborne low sheen
Waterborne low sheen enamel	SIPDS No. 1 Interior Wallboard and Spec Sheet 1:1/1		(if reqd): For wet area, stained, porous or powdery areas, solid plaster, fibrous plaster - Resene Sureseal D42; solventborne sealer	Resene SpaceCote Low Sheen D311, waterborne low sheen enamel	Resene SpaceCote Low Sheen D311, waterborne low sheen enamel
	SIPDS No. 1 Interior Wallboard and Spec Sheet 1:1/1		Resene Broadwall Waterborne Wallboard Sealer D403	Resene SpaceCote Low Sheen D311, waterborne low sheen enamel	Resene SpaceCote Low Sheen D311, waterborne low sheen enamel
Waterborne flat - ceiling	SIPDS No. 1 Interior Wallboard and Spec Sheet 1:1/1		For wet area, stained, porous or powdery areas, solid plaster, fibrous plaster - Resene Sureseal D42; solvent-borne sealer	Resene Ceiling Paint D305, waterborne flat	Resene Ceiling Paint D305, waterborne flat
	SIPDS No. 1 Interior Wallboard and Spec Sheet 1:1/1		Other areas Resene Broadwall Waterborne Wallboard Sealer D403	Resene Ceiling Paint D305, waterborne flat	Resene Ceiling Paint D305, waterborne flat
Waterborne flat	SIPDS No. 1 Interior Wallboard and Spec Sheet 1:1A/1		For wet area, stained, porous or powdery area, solid plaster, fibrous plaster - Resene Sureseal D42, solvent-borne sealer	Resene SpaceCote Flat D314, waterborne flat enamel	Resene SpaceCote Flat D314, waterborne flat enamel

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd/4th coat
	SIPDS No. 1 Interior Wallboard and Spec Sheet 1:1A/1		Other areas Resene Broadwall Waterborne Wallboard Sealer D403	Resene SpaceCote Flat D314 , waterborne flat enamel	Resene SpaceCote Flat D314 , waterborne flat enamel

Interior metallic finishes

For more information: See [Interior Wallboards - Walls and Ceilings](#).

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd/4th coat
Interior waterborne metallic, on paperfaced plasterboard	SIPDS No. 1 Interior Wallboard and Spec Sheet 1:1/1		For Paperfaced Plaster – Resene Broadwall Waterborne Wallboard Sealer D403 , For other substrates consult Resene Technical Support	Resene Lumbersider D34 , waterborne satin	Resene Enamacryl Metallic D309a , waterborne metallic 5th coat: Resene Aquaclear D59 , waterborne gloss urethane (optional)

Interior timber intumescent coating

For more information: See [Fireshield Fire Protection Coatings](#).

Description	Resene One-Line Spec	Surface prep	1st coat	2nd coat	3rd coat
Uncoated timber		Fireshield 1FRTDS	Fireshield 1FRWet film thickness 230 µm	Fireshield 1FR TOPCOATWet film thickness 60 µm	
		Fireshield 1FRTDS	Colorwood waterborne natural wood stain D50a	Fireshield 1FR Wet film thickness 230 µm	Fireshield 1FR TOPCOATWet film thickness 60 µm

REFERENCED DOCUMENTS

The following documents are incorporated into this worksection by reference:

AS 1627		Metal finishing - Preparation and pretreatment of surfaces
AS 1627.1	2003	Removal of oil, grease and related contamination
AS/NZS 2310	2002	Glossary of paint and painting terms
AS/NZS 2311	2017	Guide to the painting of buildings
AS/NZS 2312		Guide to the protection of structural steel against atmospheric corrosion by the use of protective coatings
AS 2312.1	2014	Paint coatings
AS/NZS 3750		Paints for steel structures
AS/NZS 3750.9	2009	Organic zinc-rich primer
AS/NZS 4114	2020	Spray painting booths, designated spray painting areas and paint mixing rooms
AS 5637		Determination of fire hazard properties
AS 5637.1	2015	Wall and ceiling linings
SUSMP	2021	Poisons Standard (SUSMP)

The following documents are mentioned only in the **Guidance** text:

AS 1627		Metal finishing - Preparation and pretreatment of surfaces
AS/NZS 1680		Interior and workplace lighting

AS/NZS 1680.1	2006	General principles and recommendations
AS/NZS 2633	1996	Guide to the specification of colours
AS/NZS 4361		Guide to hazardous paint management
AS/NZS 4361.2	2017	Lead paint in residential, public and commercial buildings
NATSPEC DES 020	2018	Fire behaviour of building materials and assemblies
NATSPEC GEN 006	2015	Product specifying and substitution
NATSPEC GEN 024	2019	Using NATSPEC selections schedules
NATSPEC TR 01	2019	Specifying ESD