# 0671p WATTYL painting

Branded worksection

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Worksection abstract

This branded worksection *Template* is applicable to the in situ application of WATTYL 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 (2017), which provides a guide to products and procedures for the painting of buildings for general domestic, commercial and industrial use.

How to use this worksection

Customise this worksection *Template* for each project. See [A guide to NATSPEC worksections](https://www.natspec.com.au/a-guide-to-natspec-worksections) ([www.natspec.com.au](https://www.natspec.com.au/a-guide-to-natspec-worksections)) 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* for protective coatings to structural steel and external metal fixtures.
* *0656 Floor sanding and finishing* for clear finishes to timber floors.
* *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](https://acumen.architecture.com.au/), the Australian Institute of Architects' practice advisory subscription service, for notes on the following:

* Guarantees and warranties.
* Lead hazards in construction.

Specifying ESD

The following may be specified by including additional text:

* Coatings with low/zero VOC emission.
* Recycled material, e.g. 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 NATSPEC TECHreport TR 01​ on specifying ESD.

## General

Wattyl - Solutions for every project.

Wattyl has been at the forefront of surface coating technology since 1915. With a comprehensive range of market-leading ultra-premium paints, lacquers, varnishes and specialised coatings, Wattyl’s iconic brands include Wattyl Solagard, Interior Design, Estapol and Killrust. Wattyl is owned by Valspar, a global leader in quality paint and coatings solution. With detailed architect and specifier support services, Wattyl covers everything inside and outside, from residential to large-scale commercial projects.

### Responsibilities

#### General

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

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

#### Performance

Requirement:

* Consistent in colour, gloss level, texture and dry film thickness.
* Free of runs, sags, blisters, or other discontinuities.
* Paint systems that 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.

### Company contacts

#### Wattyl technical contacts

Website: [www.wattyl.com.au/en/contact-us/index.html](https://www.wattyl.com.au/en/contact-us/index.html)

### 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.

### Standards

#### Painting

General: To the recommendations of those parts of AS/NZS 2311 (2017) referenced in this worksection.

For decorative painting and colours, see AS/NZS 2633 (1996). For guidance on the management of lead paint in residential and commercial buildings, see AS/NZS 4361.2 (2017).

See AS/NZS 1680.1 (2006) Section 6 on the relationship between lighting design, paint surfaces and visual environments.

### Manufacturer's documents

#### Technical manuals

Product Data Sheets: [www.wattyl.com.au/Product-Finder](https://www.wattyl.com.au/Product-Finder)

System Selector Wizard: [www.wattyl.com.au/WatSpec](https://www.wattyl.com.au/WatSpec)

### Interpretation

#### Definitions

General: For the purposes of this worksection, the definitions given in AS/NZS 2310 (2002) 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.

### Submissions

#### Products and materials

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

* Paint brand name and product range quality statement.
* 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/number |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

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

#### Wet samples

General: Submit two clearly labelled, 500 mL samples of each type of coating required to be tested.

#### Wet samples schedule

| Coating type | Colour |
| --- | --- |
|  |  |
|  |  |
|  |  |

If testing is considered necessary include testing requirements to the AS 1580 series and AS 3730.0 (2006) in PRODUCTS. Delete **Wet samples schedule** if paint is not to be tested.

#### Subcontractors

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

Evidence of experience:

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

Requirement: Submit warranties to **COMPLETION**, **Warranties**.

### 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.

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 that may be included:

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

Other clear finishing stages that may be included:

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

## Products

### General

#### Product substitution

Other products: Conform to **SUBSTITUTIONS** in *0171 General requirements*.

**SUBSTITUTIONS** in *0171 General requirements* 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.
* Material composition and characteristics such as volatility, flash point, light fastness, colour and pattern.

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

Note: Some markings are generally shown on the paint container, e.g. Product brand name and Date of manufacturer, and will not require additional markings.

### Painting materials

#### Standards

Paint types: Conform to the Australian Standard as referenced in the **Wattyl paint type table**.

#### Wattyl paint type table

| **Generic paint type** | **Valspar product** | **Technical Data Sheet (TDS)** | **Paint reference AS/NZS 2311 (2017) Table 4.2** | **Australian Standard** |
| --- | --- | --- | --- | --- |
| Flat latex: interior | Wattyl I.D Advanced Matt (Very Low VOC, Anti-Bacterial & Anti-Mould) | D12.2 | B6 | AS 3730.1 (2006) |
| Wattyl I.D Advanced Ceiling Flat (Very Low VOC) | D12.1 |  | AS 3730.1 (2006) |
| Rapidline | TM13.30 |  | AS 4049.3 (2005) |
| Low sheen latex: interior | Wattyl I.D Advanced Low Sheen (Very Low VOC, Anti-Bacterial & Anti-Mould | D12.3 |  | AS 3730.3 (2006) |
| Satin latex: interior | Wattyl I.D Advanced Satin (Very Low VOC, Anti-Bacterial & Anti-Mould) | D12.4 |  | AS 3730.2 (2006) |
| Aqua Trim Satin | D12.7 |  | AS 3730.2 (2006) |
| Gloss latex: interior | Aqua Trim Gloss | D12.8 | B9 | AS 3730.12 (2006) |
| Flat latex: exterior | Solagard Matt | D4.41 | B6 | AS 3730.8 (2006)  AS 3730.16 (2006) |
| Rapidline | TM13.30 |  | AS 4049.3 (2005) |
| Low gloss latex: exterior | Solagard Low Sheen | D4.14 | B7 | AS 3730.8 (2006) |
| GranoImpact | G2.01 |  | AS/NZS 4548.3 (1999) |
| Weathergard Decking Paint | D5.53 |  |  |
| Satin latex: exterior | Solagard Semi-gloss | D4.66 | B8 | AS/NZS 3750.9 (2009) |
| Aqua Trim Satin | D12.7 |  | AS 3730.2 (2006) |
| Gloss latex: exterior | Solagard Gloss | D4.13 |  | AS 3730.10 (2006) |
| Aqua Trim Gloss | D12.8 | B9 | AS 3730.12 (2006) |
| Satin latex interior trim | Aqua Trim Satin | D12.7 |  | AS 3730.2 (2006) |
| Gloss latex interior trim | Aqua Trim Gloss | D12.8 | B42 | AS 3730.12 (2006) |
| High gloss solvent-borne: exterior | Killrust Epoxy Gloss Enamel | D4.59 |  |  |
| Wood primer, solvent-borne | Master Prep Timber Primer (Pink/White) | D2.18 | B10 | AS 3730.13 (2006) |
| Master Prep Multi-Purpose Undercoat | D3.40 |  |  |
| Wood primer, latex | Aqua Prep Acrylic Timber Primer | D2.16 | B10A | AS 3730.17 (2006) |
| Aqua Prep Primer Sealer Undercoat | D3.36 |  |  |
| Concrete and masonry sealer, water borne | GranoPrime | G1.02 | B15 |  |
| Concrete and masonry sealer, solvent borne | GranoPrime S | G1.03 | B15 |  |
| Concrete, masonry, wallboard sealer/undercoat-latex, water borne | Aqua Prep Acrylic Sealer Undercoat Low VOC | D3.34 | B16 | AS 3730.18 (2006) |
| Aqua Prep Acrylic Plaster Sealer (Low VOC) | D3.35 |  |  |
| Undercoat, solvent-borne | Master Prep Multi Purpose Undercoat | D3.40 | B17 | AS 3730.14 (2006) |
| Wattyl Ultra Fast Dry Undercoat | D9.50 |  |  |
| Wattyl Ultra All-Purpose Undercoat | D9.49 |  |  |
| Undercoat, latex: interior | Aqua Prep Primer Sealer Undercoat Low VOC | D3.24 | B17A | AS 3730.18 (2006) |
| Aqua Prep Primer Sealer Undercoat | D3.36 | B17A | AS 3730.18 (2006) |
| GranoSahara | G2.12 |  |  |
| GranoSahara Fine | G2.19 |  |  |
| Undercoat, latex: exterior | Aqua Prep Primer Sealer Undercoat | D3.36 | B17A | AS 3730.18 (2006) |
| Metal primer, water borne | Aqua Prep Galvanised Iron Primer | D2.17 |  | AS 3730.15 (2006) |
| Metal primer, solvent borne | Killrust Etch Primer | D2.08 |  |  |
| Killrust Heavy Duty Primer | D2.11 |  |  |
| Master Prep Metal Primer | D2.19 |  |  |
| Clear varnish for timber floors, water borne (Low VOC): interior | ESTAPOL Water Based Speed Clear Gloss/Satin | D5.54 |  |  |
| Clear varnish for timber trim, water borne (Low VOC): interior | ESTAPOL Water Based Xtra Clear Gloss/Satin | D5.58 |  |  |
| Two-pack clear gloss floor finish: interior | Estapol 7008 | D5.07 | B20 | AS 3730.27 (2006) |
| Clear varnish for timber trim: interior | ESTAPOL Moisture Cure Polyurethane High Gloss | D5.61 |  |  |
| Wood Stain for floors, water borne (Low VOC): interior | Colourwood Flooring Stain | D5.57 |  |  |
| Wood Stain for trim, water borne (Low VOC): interior | Colourwood Water Based Stain and Varnish Gloss | D5.24 |  |  |
| Transparent polyurethane varnish for timber decking & walls: exterior | Weathergard Decking 2-in-1 Stain & Varnish | D5.49 |  |  |
| Decking paint for timber: exterior | Weathergard Decking Paint | D5.53 |  |  |
| Transparent decking oil paint for timber: exterior | Weathergard Water-based Decking Oil | D5.52 |  |  |

#### Wattyl low VOC paint table

Include this subclause if the outgassing of volatile organic compounds is an issue, e.g. for health and aged care facilities, food premises and schools. Delete if not required.

See AS/NZS 2311 (2017) clause 1.5.2.6 and Table 4.2 for guidance on low VOC paint types.

Wattyl provides paint systems that conform to the requirements of the Green Building Council of Australia (GBCA) where a Green Star rating is being sought for the project.

The requirements of Green Star rating tools are subject to change without notice so check the GBCA website for latest figures.

Wattyl EcoTint is an ultra-low VOC tint system that does not increase the VOC of paint when tinted regardless of colour selected.

| Product Type | Valspar products | VOC gm/litre Tinted |
| --- | --- | --- |
| Walls and ceilings – Interior Semi-Gloss | Wattyl I.D Advanced Satin | < 1 |
| Walls and ceilings – Interior Low Sheen | Wattyl I.D Advanced Low Sheen | < 1 |
| Walls and ceilings Interior Flat-Washable | Wattyl I.D Advanced Matt | < 1 |
| Ceilings – Interior Flat | Interior Design I.D Advanced Ceiling Flat | < 1 |
| Trim – Interior Gloss | Aqua Trim Gloss | < 45 |
| Trim – Interior Semi-gloss | Aqua Trim Silky Satin | < 45 |
| Timber Primer | Aqua Prep Acrylic Timber Primer | < 30 |
| Binding Primer | Aqua Prep Acrylic Plaster Sealer | < 5 |
| Latex primer for galvanized iron and zincalume | AquaPrep Galvanized Iron Primer | < 10 |
| Interior Latex Undercoat | Aqua Prep Acrylic Sealer Undercoat Low VOC | < 1 |
| Interior Latex Undercoat | GranoSahara | < 30 |
| Interior Latex Undercoat | GranoSahara Fine | < 30 |
| Interior Sealer | Aqua Prep Acrylic Sealer Undercoat Low VOC | < 1 |
| One pack performance coatings for floors | ESTAPOL Water Based Speed Clear Gloss/Satin | < 135 |
| One pack performance coatings for floors | ESTAPOL Water Based Xtra Clear Gloss-Satin | < 75 |
| Trim – Exterior Gloss | Solagard Gloss | < 70 |
| Trim – Exterior Low Sheen | Solagard Low Sheen | < 45 |
| Trim – Exterior Semi Gloss | Solagard Semi-Gloss | < 55 |

#### 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 the paint system manufacturer, suitable for the substrate and compatible with the primer.

#### Tinting

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

If tinting is by the contractor, make sure that the addition of tint or stain does not adversely affect the durability or aesthetic performance of the product. Confirm with the paint manufacturer.

#### Toxic ingredients

General: To the *Therapeutic Goods (Poisons standard) Instrument (2023)* Part 2 Division 9.

*Therapeutic Goods (Poisons standard) Instrument (2023)* Part 2 Division 9 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.

## Execution

### 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.

#### Substrates

General: Prepare substrates to receive the documented paint system.

Different surfaces require different preparations. Refer to AS/NZS 2311 (2017) clauses 3.2 to 3.14 for the preparation of different unpainted 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 (2017).

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

Confirm with the manufacturer.

#### 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.

#### Unpainted surfaces

Standard: To AS/NZS 2311 (2017) Section 3.

#### Previously painted surfaces

Previously painted surfaces may require specific reference to one of the methods recommended in AS/NZS 2311 (2017) Section 7 or AS 2312.1 (2014) 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 that may contain lead: AS/NZS 4361.2 (2017).
* Set plaster and fibrous plaster surfaces: If diluted phosphoric acid solution is used for handling, see AS/NZS 2311 (2017) clause 3.10 and 3.11. Alternatively, document a paint system that 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:

AS/NZS 2311 (2017) 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:

Location of substrate in poor condition:

Preparation of a substrate in good condition: To AS/NZS 2311 (2017) clause 7.4.

Preparation of a substrate in poor condition: To AS/NZS 2311 (2017) clause 7.5.

Preparation of steel substrates with protective coatings: To AS 2312.1 (2014) Section 8 and AS 1627.1 (2003).

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

Wallcovering: Remove wallcovering 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.

Reconditioned damaged surfaces in galvanized steel: To AS/NZS 4680 (2006) clause 8.

#### 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 (2017).

#### 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 (2017) Sections 3 and 7.

| Substrate | Preparation method | Applicable standard |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |

See AS/NZS 2311 (2017) 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.

### PAINTING SYSTEMS

#### General

Number of coats: Except where one or two coat systems are documented, each paint system consists of at least 3 coats.

Allow for additional coats if necessary to:

* Prepare porous or reactive substrates with prime or seal coats consistent with the manufacturer’s recommendations.
* Achieve the total film thickness or texture.
* Achieve the required opacity.

#### Low VOC emitting paints

Include this subclause if the outgassing of volatile organic compounds is relevant, e.g. for health and aged care facilities, food premises and schools. Delete if not required.

See AS/NZS 2311 (2017) clause 1.5.2.6 and Table 4.2 for guidance on VOC paint products.

General: Provide the VOC limits as documented.

#### New unpainted interior surfaces

Standard: To AS/NZS 2311 (2017) Table 5.1.

AS/NZS 2311 (2017) Table 5.1 sets out conventional paint systems for new unpainted interior surfaces of domestic and public buildings with the following substrates:

Walls and ceilings:

* Gypsum plasterboard.
* Set plaster, clay bricks (subject to vanadium bleeding) and fibrous plaster.
* Timber, plywood panelling, hardboard, medium density fibreboard (MDF) and particleboard.
* Organic fibre insulating board.
* Concrete, cement render, fibrous cement and clay bricks (vanadium free).
* Insulating ceiling surfaces, e.g. vermiculite.

Doors, cupboards, fittings and trim:

* Timber and timber based products.

Floors:

* Concrete.
* Cork.
* Timber, parquetry and particleboard.

Substrates:

* Unplasticised polyvinyl chlorides (PVC-U).
* Fibre-reinforced plastics (FRP).
* Polystyrene.
* Iron and steel.
* Aluminium and copper.
* Galvanized iron and zinc/aluminium alloy.

#### New unpainted exterior surfaces

Standard: To AS/NZS 2311 (2017) Table 5.2.

AS/NZS 2311 (2017) Table 5.2 sets out conventional paint systems for new unpainted exterior surfaces with the following substrates:

Walls and soffits:

* Clay bricks, cement bricks, fibrous cement sheeting, concrete masonry, stucco, plaster, cement render and AAC blocks.
* Weatherboards and exterior grade hardboard cladding.

Doors, fittings and trim:

* Timber with a paint finish.
* Timber with a stain finish.

Other substrates:

* Iron and steel.
* Aluminium and copper.
* Galvanized iron and zinc/aluminium alloy.
* Unplasticised polyvinyl chlorides (PVC-U).
* Fibre-reinforced plastics (FRP).
* Concrete floors.
* Timber pergolas, patios and decking.
* Rough sawn timber fences.
* Galvanized or zinc/aluminium alloy coated steel fences.

#### Previously painted surfaces

Interior surfaces: To AS/NZS 2311 (2017) Table 8.2.

Exterior surfaces: To AS/NZS 2311 (2017) Table 8.3.

Other requirements: Apply the following:

* Sealer:
* Undercoat:

Consult manufacturer.

#### Specialised painting systems

Standard: To AS/NZS 2311 (2017) clause 5.2. Provide the following final coats:

* High build textured or membrane finishes for concrete and masonry: Paint reference number B38 using products conforming to the AS/NZS 4548 series.
* Two-pack gloss pigmented polyurethane: Paint reference number B44.
* Two-pack epoxy: Paint reference number B29.
* Two-pack water-based epoxy: Paint reference number B29A.

See AS/NZS 2311 (2017) Table 4.2 Paint types, for paint reference numbers.

### Application

#### Light levels

General: ≥ 400 lux.

Amend for other artificial illumination conditions.

#### 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°C or > 35°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 trim and glazing beads.
* Timber board cladding.

#### Spraying

General: If the paint application is by spraying, use conventional or airless equipment that 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.

Coatings with known health hazards: Not permitted on site.

#### 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 (2017) Section 8.

#### Repair of galvanizing

Cleaning: For galvanized surfaces that 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 (2009).

#### 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.

#### 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 on metal door frames 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.

### Completion

#### General

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

Cleaning: On completion of painting, remove splatters by washing, scraping or other methods that 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 fixtures in the original locations. 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:

Storage location:

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

#### Warranties

Requirement: Cover materials and workmanship in the terms of the warranty in the form of interlocking warranties from the supplier and the applicator.

* Form: Against failure of materials and execution under the normal environment and use conditions.
* Period: As offered by the supplier and the applicator.

Use only if warranties extending beyond the defects liability period are available for the particular system. Insert the required warranty period and terms, which should be negotiated beforehand. If the warranty is in the form of separate material and installation warranties, the signatures of both supplier and applicator are required.

Wattyl warranty statement: A standard Paint Warranty is applicable to all Wattyl coating systems except those that are subject to foot traffic.

## Selections

**Schedules** are a tool to specify properties required for products or systems. If the principal permits documentation of the product or system by proprietary name, some of the properties may be unnecessary and can be deleted. Document the product or system's location or application here and/or on the drawings with a matching project code. Refer to NATSPEC TECHnote GEN 024 for guidance on using and editing schedules.

### Colour Range

#### Paint colours schedule

| Substrate | Number of colours |
| --- | --- |
|  |  |
|  |  |
|  |  |

If the colour selections have not been made at the tender stage, nominate the estimated number of colours for each substrate to aid pricing. If the colour selection is included in the **Interior painting schedule** and the **Exterior painting schedule** delete this subclause.

### Interior painting schedule

The **Painting schedules** describe the paint system with reference to the substrate but does not locate the finish within the project. Prepare a separate document e.g. a Finishes schedule to locate the various paint systems or note them on drawings, by reference to the Paint code.

The **Painting schedules** include paint systems for the most common substrates. System specifications for other substrates are available at [www.valspar.com](https://www.valspar.com/)

Duplicate and customise these schedules, adding and deleting rows and columns, as required.

#### Walls and Ceilings: Ultra premium interior (Very Low VOC, Anti-Bacterial & Anti-Mould) - General use, wet areas and clinical areas

These paint systems inhibit growth of mould and bacteria on the paint surfaces.

Suitable for wet areas.

Low VOC and low odour paint system.

| Paint code | Substrate | Final coat | Painting system | Colour reference |
| --- | --- | --- | --- | --- |
|  | Previously Painted with Water Based | Wattyl I.D Advanced Matt | WANZ1005.02 |  |
|  | Paper-Faced Plasterboard | Wattyl I.D Advanced Matt | WANZ1005.04 |  |
|  | Plaster: white set | Wattyl I.D Advanced Matt | WANZ1005.07 |  |
|  | Brickwork /  Blockwork / Masonry | Wattyl I.D Advanced Matt | WANZ1005.08 |  |
|  | Cement Render | Wattyl I.D Advanced Matt | WANZ1005.09 |  |
|  | Concrete: Insitu / Off-form | Wattyl I.D Advanced Matt | WANZ1005.10 |  |
|  | Fibre Cement Sheet (FCS) | Wattyl I.D Advanced Matt | WANZ1005.11 |  |
|  | Concrete: Precast / Tilt-up Panels | Wattyl I.D Advanced Matt | WANZ1005.12.2 |  |
|  | Previously Painted with Water Based | Wattyl I.D Advanced Low Sheen | WANZ1006.02 |  |
|  | Paper-Faced Plasterboard | Wattyl I.D Advanced Low Sheen | WANZ1006.04 |  |
|  | Timber | Wattyl I.D Advanced Low Sheen | WANZ1006.05 |  |
|  | Plaster: white set (water-based primer) | Wattyl I.D Advanced Low Sheen | WANZ1006.07 |  |
|  | Brickwork / Blockwork / Masonry | Wattyl I.D Advanced Low Sheen | WANZ1006.08 |  |
|  | Cement Render | Wattyl I.D Advanced Low Sheen | WANZ1006.09 |  |
|  | Concrete: Insitu / Off-form | Wattyl I.D Advanced Low Sheen | WANZ1006.10 |  |
|  | Fibre Cement Sheet (FCS) | Wattyl I.D Advanced Low Sheen | WANZ1006.11 |  |
|  | Concrete: Precast / Tilt-up Panels | Wattyl I.D Advanced Low Sheen | WANZ1006.12.2 |  |
|  | Previously Painted Water Based Acrylic Finishes | Wattyl I.D Advanced Satin | WANZ1007.02 |  |
|  | Paper-Faced Plasterboard | Wattyl I.D Advanced Satin | WANZ1007.04 |  |
|  | Timber | Wattyl I.D Advanced Satin | WANZ1007.05 |  |
|  | Plaster: white set | Wattyl I.D Advanced Satin | WANZ1007.07 |  |
|  | Brickwork / Blockwork / Masonry | Wattyl I.D Advanced Satin | WANZ1007.08 |  |
|  | Cement Render | Wattyl I.D Advanced Satin | WANZ1007.09 |  |
|  | Concrete: Insitu / Off-form | Wattyl I.D Advanced Satin | WANZ1007.10 |  |
|  | Fibre Cement Sheet (FCS) | Wattyl I.D Advanced Satin | WANZ1007.11 |  |

#### Ceilings: Ultra premium interior (Low VOC)

Low VOC and low odour paint system.

Suitable for wet areas.

| Paint code | Substrate | Final coat | Painting system | Colour reference |
| --- | --- | --- | --- | --- |
|  | Previously Painted Water Based Acrylic Finishes | Wattyl I.D Advanced Ceiling Flat | WANZ1001.02 |  |
|  | Paper-Faced Plasterboard | Wattyl I.D Advanced Ceiling Flat | WANZ1001.04 |  |
|  | Plaster: white set | Wattyl I.D Advanced Ceiling Flat | WANZ1001.07 |  |
|  | Concrete: Insitu / Off-form | Wattyl I.D Advanced Ceiling Flat | WANZ1001.10 |  |
|  | Fibre Cement Sheet (FCS) | Wattyl I.D Advanced Ceiling Flat | WANZ1001.11 |  |
|  | Concrete: Precast/Tilt-up Panels | Wattyl I.D Advanced Ceiling Flat | WANZ1001.12.2 |  |

#### Walls: Sand Finish Texture Systems; Ultra-Premium (Low VOC, Anti-Bacterial & Mould Resistant)

General purpose roller applied texture coating systems.

Applied with texture roller sleeves.

Smooth finishes (no aggregate):

* GranoImpact High Profile.
* GranoRoll-on Smooth.

Aggregate finishes (fine, medium and coarse):

* GranoSahara Ripple.
* GranoRoll-on Medium.
* GranoRoll-on Coarse.

Low VOC for interior applications:

* GranoRoll-on Smooth.
* GranoRoll-on Medium.
* GranoRoll-on Coarse.

Elastomeric top coat with excellent resistance to dirt, mould and fungi.

| Coating code | Substrate | Texture/intermediate coat | Final coat | Coating system | Colour reference |
| --- | --- | --- | --- | --- | --- |
|  | Paper Faced Plasterboard | GranoSahara Roll-Brush  (Sand finish texture undercoat applied using either: 10 to 12mm nap roller sleeves, or brush) | Wattyl I.D Advanced Low Sheen | WANZ1006.04.3 |  |
|  | Paper Faced Plasterboard | GranoSahara Ripple (Sand finish texture undercoat applied using black medium texture roller) | Wattyl I.D Advanced Low Sheen | WANZ1006.04.4 |  |
|  | Paper Faced Plasterboard | GranoSahara Fine Roll-Brush  (Sand finish (fine) texture undercoat applied using either: 10 to 12mm nap roller sleeves, or brush) | Wattyl I.D Advanced Low Sheen | WANZ1006.04.5 |  |
|  | Cement Render | GranoSahara Roll-Brush  (Sand finish texture undercoat applied using either: 10 to12mm nap roller sleeves, or brush) | Wattyl I.D Advanced Low Sheen | WANZ1006.09.3 |  |
|  | Cement Render | GranoSahara Ripple (Sand finish texture undercoat applied using black medium texture roller) | Wattyl I.D Advanced Low Sheen | WANZ1006.09.4 |  |
|  | Cement Render | GranoSahara Fine Roll-Brush  (Sand finish (fine) texture undercoat applied using either: 10 to12mm nap roller sleeves, or brush) | Wattyl I.D Advanced Low Sheen | WANZ1006.09.5 |  |

#### Walls and Ceilings: Ultra-premium Interior (Water Based Acrylic Enamel) for heavy duty utility rooms

| Paint Code | Substrate | Final coat | Painting System | Colour Reference |
| --- | --- | --- | --- | --- |
|  | Previously Painted with Oil Based | Aqua Trim Satin | WANZ1026.01 |  |
|  | Previously Painted with Water Based | Aqua Trim Satin | WANZ1026.02 |  |
|  | Plasterboard | Aqua Trim Satin | WANZ1026.04 |  |
|  | Cement Render | Aqua Trim Satin | WANZ1026.09 |  |
|  | Concrete: Insitu / Off-form | Aqua Trim Satin | WANZ1026.10 |  |
|  | Previously Painted with Oil Based | Aqua Trim Gloss | WANZ1027.01 |  |
|  | Previously Painted with Water Based | Aqua Trim Gloss | WANZ1027.02 |  |
|  | Plasterboard | Aqua Trim Gloss | WANZ1027.04 |  |
|  | Cement Render | Aqua Trim Gloss | WANZ1027.09 |  |
|  | Concrete: Insitu / Off-form | Aqua Trim Gloss | WANZ1027.10 |  |

#### Doors and Trim: Ultra-premium Interior (Low VOC Water Based Enamel)

| Paint Code | Substrate | Final coat | Painting System | Colour Reference |
| --- | --- | --- | --- | --- |
|  | Previously Painted with Oil Based | Aqua Trim Satin | WANZ1026.01 |  |
|  | Previously Painted with Water Based | Aqua Trim Satin | WANZ1026.02 |  |
|  | Preprimed Steel | Aqua Trim Satin | WANZ1026.03 |  |
|  | Timber | Aqua Trim Satin | WANZ1026.05 |  |
|  | Galvanized Iron/Zincalume | Aqua Trim Satin | WANZ1026.13 |  |
|  | Previously Painted with Oil Based | Aqua Trim Gloss | WANZ1027.01 |  |
|  | Previously Painted with Water Based | Aqua Trim Gloss | WANZ1027.02 |  |
|  | Preprimed Steel | Aqua Trim Gloss | WANZ1027.03 |  |
|  | Timber | Aqua Trim Gloss | WANZ1027.05 |  |
|  | Galvanized Iron/Zincalume | Aqua Trim Gloss | WANZ1027.13 |  |

#### Premium Woodcare clear two pack polyurethane finishes

* Outstanding hardness and durability.
* Highly abrasion, scratch and scuff resistant.
* Highlights natural grain, colour and texture of timbers.
* Interior use only.

| Paint code | Substrate | Final coat | Painting system | Colour reference |
| --- | --- | --- | --- | --- |
|  | Timber floors and trim | ESTAPOL 7008 | WAU1126.05 | Not applicable |

#### Premium Woodcare clear polyurethane finishes low VOC

* Dries quickly for fast recoating.
* Low VOC and low odour paint system.
* Highly abrasion, scratch and scuff resistant.
* Highlights natural grain, colour and texture of timbers.

| Paint code | Substrate | Final coat | Painting system | Colour reference |
| --- | --- | --- | --- | --- |
|  | Timber floors | ESTAPOL Water Based Speed Clear Gloss | WAU1127.05 | Not applicable |
|  | Timber floors | ESTAPOL Water Based Speed Clear Satin | WAU1127.05 | Not applicable |
|  | Timber trim | ESTAPOL Water Based Xtra Clear Gloss | WAU1135.05 | Not applicable |
|  | Timber trim | ESTAPOL Water Based Xtra Clear Satin | WAU1135.05 | Not applicable |

#### Premium Woodcare clear varnish finishes

* Tough flexible and hard wearing clear finish.
* Suited to timber and concrete floors in high traffic areas.
* Suitable for timber furniture and trim.
* Interior use only.

| Paint code | Substrate | Final coat | Painting system | Colour reference |
| --- | --- | --- | --- | --- |
|  | Timber | ESTAPOL Moisture Cure Polyurethane High Gloss | WAU1128.05 | Not applicable |

#### Premium Woodcare stain and clear timber floor finishes low VOC

* Clear polyurethane varnish for tongue and groove flooring.
* Water based pigmented stain.
* Ideal for a darker colour or a limed finish that does not hide the grain.
* Dries quickly for fast re coating.
* Highly abrasion, scratch and scuff resistant.
* Low odour.

| Paint code | Substrate | Final coat | Painting system | Stain colour |
| --- | --- | --- | --- | --- |
|  | Timber | ESTAPOL Water Based Speed Clear Gloss | WAU1132.05 |  |
|  | Timber | ESTAPOL Water Based Speed Clear Satin | WAU1132.05 |  |

#### Premium Woodcare stain and clear finishes low VOC

Combined water based stain and varnish for doors and trim.

Quick drying.

Low odour.

| Paint code | Substrate | Stain coats | Final coat | Painting system | Stain colour |
| --- | --- | --- | --- | --- | --- |
|  | Timber | Colourwood Interior Stain | ESTAPOL Water Based Xtra Clear Gloss | WAU1141.05 |  |
|  | Timber | Colourwood Interior Stain | ESTAPOL Water Based Xtra Clear Satin | WAU1141.05 |  |
|  | Timber | Colourwood Water based Stain and Varnish | Colourwood Water based Stain and Varnish | WAU1143.05 |  |

#### Two pack epoxy water based low VOC

Suitable for floors and walls.

| Paint code | Substrate | Final coat | Painting system | Colour reference |
| --- | --- | --- | --- | --- |
|  | Concrete | Wattyl EPINAMEL CF720 | P32.04 |  |
|  | Cement render | Wattyl EPINAMEL CF720 | P32.04 |  |

Paint code: The project specific identifier for reference in a Finishes schedule, e.g. P1, P2.

Substrate: Used to reference the Paint systems e.g. Plasterboard (paper faced). Different substrates usually require different paint systems.

Final coat: Design decision.

Painting system: Valspar specification as designated.

Colour reference: e.g. AS 2700 (2011) or a brand name. If the selection has not been made note To be advised. The selection of colours for service pipes and identification of hazards may require reference to AS 1345 (1995).

### Exterior painting schedule

The **Painting schedules** describe the paint system with reference to the substrate but does not locate the finish within the project. Prepare a separate document, e.g. a Finishes schedule to locate the various paint systems or note them on drawings, by reference to the Paint code.

The **Painting schedules** include paint systems for the most common substrates. System specifications for other substrates are available at [www.valspar.com](https://www.valspar.com/)

Duplicate and customise these schedules, adding and deleting rows and columns, as required.

#### Ultra Premium

* Tough and durable exterior paint.
* Designed to be applied to most exterior surfaces without the use of a primer.
* Satin and gloss systems suitable for use on roofs used to collect drinking water.
* Aqua Trim paints are water based enamels.

| Paint code | Substrate | Final coat | Painting system | Colour reference |
| --- | --- | --- | --- | --- |
|  | Previously Painted Water Based | Solagard Matt | WANZ1076.02 |  |
|  | Brickwork / Blockwork / Masonry | Solagard Matt | WANZ1076.08 |  |
|  | Cement Render | Solagard Matt | WANZ1076.09 |  |
|  | Concrete: In situ/Off-form | Solagard Matt | WANZ1076.10 |  |
|  | Fibre Cement Sheet (FCS) | Solagard Matt | WANZ1076.11 |  |
|  | Concrete Precast / Tilt-Up Panels | Solagard Matt | WANZ1076.12 |  |
|  | Previously Painted Water Based | Solagard Low Sheen | WANZ1077.02 |  |
|  | Timber | Solagard Low Sheen | WANZ1077.05 |  |
|  | Brickwork / Blockwork / Masonry | Solagard Low Sheen | WANZ1077.08 |  |
|  | Cement Render | Solagard Low Sheen | WANZ1077.09 |  |
|  | Concrete: Insitu / Off-form | Solagard Low Sheen | WANZ1077.10 |  |
|  | Fibre Cement Sheet (FCS) | Solagard Low Sheen | WANZ1077.11 |  |
|  | Concrete: Precast / Tilt-Up Panels | Solagard Low Sheen | WANZ1077.12 |  |
|  | Galvanized Iron / Zincalume | Solagard Low Sheen | WANZ1077.13 |  |
|  | PVC | Solagard Low Sheen | WANZ1077.17 |  |
|  | Previously Painted Water Based | Solagard Semi-Gloss | WANZ1078.02 |  |
|  | Timber | Solagard Semi-Gloss | WANZ1078.05 |  |
|  | Brickwork / Blockwork / Masonry | Solagard Semi-Gloss | WANZ1078.08 |  |
|  | Cement Render | Solagard Semi-Gloss | WANZ1078.09 |  |
|  | Concrete: Insitu / Off-form | Solagard Semi-Gloss | WANZ1078.10 |  |
|  | Fibre Cement Sheet (FCS) | Solagard Semi-Gloss | WANZ1078.11 |  |
|  | Concrete: Precast / Tilt-Up Panels | Solagard Semi-Gloss | WANZ1078.12 |  |
|  | Galvanized Iron / Zincalume | Solagard Semi-Gloss | WANZ1078.13 |  |
|  | PVC | Solagard Semi-Gloss | WANZ1078.17 |  |
|  | Previously Painted Water Based | Solagard Gloss | WANZ1079.02 |  |
|  | Timber | Solagard Gloss | WANZ1079.05 |  |
|  | Brickwork / Blockwork / Masonry | Solagard Gloss | WANZ1079.08 |  |
|  | Cement Render | Solagard Gloss | WANZ1079.09 |  |
|  | Concrete: Insitu / Off-form | Solagard Gloss | WANZ1079.10 |  |
|  | Fibre Cement Sheet (FCS) | Solagard Gloss | WANZ1079.11 |  |
|  | Concrete: Precast / Tilt-Up Panels | Solagard Gloss | WANZ1079.12 |  |
|  | Galvanized Iron / Zincalume | Solagard Gloss | WANZ1079.13 |  |
|  | PVC | Solagard Gloss | WANZ1079.17 |  |

#### Elastomeric coating system – Low profile textured finish

* Granosite top coat.
* Good flexibility and elasticity.
* Good facade resistance performance.
* Excellent resistance to dirt, mould and fungi.
* Anti-carbonation and chloride ion protection.
* Low profile texture.

| Paint code | Substrate | Final coat | Painting system | Colour reference |
| --- | --- | --- | --- | --- |
|  | Brickwork / Blockwork / Masonry | GranoImpact (Low Profile Finish) | GAU3010.08 |  |
|  | Cement render | GranoImpact (Low Profile finish) | GAU3010.09 |  |
|  | Concrete: Insitu / Off-form | GranoImpact (Low Profile finish) | GAU3010.10 |  |
|  | Concrete: Precast / Tilt-up Panels | GranoImpact (Low Profile finish) | GAU3010.12 |  |

#### Elastomeric coating system – High profile textured finish

* Granosite top coat.
* Good flexibility and elasticity.
* Good facade resistance performance.
* Excellent resistance to dirt, mould and fungi.
* Anti-carbonation and chloride ion protection.
* Low profile texture.

| Paint code | Substrate | Final coat | Painting system | Colour reference |
| --- | --- | --- | --- | --- |
|  | Concrete: Insitu / Off-form | GranoImpact High Profile | GAU3015.10 |  |
|  | Concrete: Precast / Tilt-up Panels | GranoImpact High Profile | GAU3015.12 |  |

#### Roll-on texture: High profile, smooth to coarse finishes

General purpose roller applied texture coating systems.

Applied with texture roller sleeves.

Smooth finishes (no aggregate):

* GranoImpact High Profile.
* GranoRoll-on Smooth.

Aggregate finishes (fine, medium and coarse):

* GranoSahara Ripple.
* GranoRoll-on Medium.
* GranoRoll-on Coarse.

Low VOC for interior applications:

* GranoRoll-on Smooth.
* GranoRoll-on Medium.
* GranoRoll-on Coarse.

Elastomeric top coat with excellent resistance to dirt, mould and fungi.

| Coating code | Substrate | Texture/intermediate coat | Final coat | Coating system | Colour reference |
| --- | --- | --- | --- | --- | --- |
|  | Concrete: Insitu / Off-form | GranoImpact High Profile | GranoImpact | GAU3015.10 |  |
|  | Concrete: Precast/Tilt-up Panels | GranoImpact High Profile | GranoImpact | GAU3015.12 |  |
|  | Cement Render | GranoSahara Ripple | GranoImpact | GAU3115.09 |  |
|  | Concrete: Insitu / Off-form | GranoSahara Ripple | GranoImpact | GAU3115.10 |  |
|  | Concrete: Precast / Tilt-up Panels | GranoSahara Ripple | GranoImpact | GAU3115.12 |  |
|  | Concrete: Insitu / Off-form | GranoRoll-on Medium | GranoImpact | GAU3151.10 |  |
|  | Concrete: Precast / Tilt-up Panels | GranoRoll-on Medium | GranoImpact | GAU3151.12 |  |
|  | Concrete: Insitu / Off-form | GranoRoll-on Coarse | GranoImpact | GAU3161.10 |  |
|  | Concrete: Precast / Tilt-up Panels | GranoRoll-on Coarse | GranoImpact | GAU3161.12 |  |

#### External doors and trim - Ultra premium exterior (Low VOC) water based acrylic enamel

| Paint code | Substrate | Final coat | Painting system | Colour reference |
| --- | --- | --- | --- | --- |
|  | Previously Painted with Oil Based | Aqua Trim Satin | WANZ1026.01 |  |
|  | Previously Painted with Water Based | Aqua Trim Satin | WANZ1026.02 |  |
|  | Preprimed steel | Aqua Trim Satin | WANZ1026.03 |  |
|  | Timber | Aqua Trim Satin | WANZ1026.05.2 |  |
|  | Galvanized Iron / Zincalume | Aqua Trim Satin | WANZ1026.13 |  |
|  | Previously Painted with Oil Based | Aqua Trim Gloss | WANZ1027.01 |  |
|  | Previously Painted with Water Based | Aqua Trim Gloss | WANZ1027.02 |  |
|  | Preprimed steel | Aqua Trim Gloss | WANZ1027.03 |  |
|  | Timber | Aqua Trim Gloss | WANZ1027.05.2 |  |
|  | Galvanized Iron / Zincalume | Aqua Trim Gloss | WANZ1027.13 |  |

#### External metal and trim

| Paint code | Substrate | Final coat | Painting system | Colour reference |
| --- | --- | --- | --- | --- |
|  | Galvanized Iron/Zincalume | Killrust Epoxy Gloss Enamel | WAU1101.13 |  |
|  | Steel, Ferrous Metal (not galvanized | Killrust Epoxy Gloss Enamel | WAU1101.16 |  |

#### Premium Woodcare exterior

| Paint code | Substrate | Final coat | Painting system | Colour reference |
| --- | --- | --- | --- | --- |
|  | Timber | Weathergard Decking Water Based Stain | WAU1176.05 |  |
|  | Timber | Weathergard Decking Paint | WAU1177.05 |  |
|  | Timber | Weathergard Decking Oil | WAU1178.05 |  |
|  | Timber | Weathergard Water Based Decking Oil | WAU1179.05 |  |
|  | Previously stained, oiled Timber | Weathergard Decking 2-in-1 Stain & Varnish | WAU1180.01 |  |
|  | Timber | Weathergard Decking 2-in-1 Stain & Varnish | WAU1180.05 |  |
|  | Timber | Weathergard Exterior Varnish | WAU1181.05 |  |

#### Linemarking water-based

* Low odour non-flammable.
* Quick drying, gains early resistance to rain washout.
* Excellent wear resistance.
* Stencil application at intersections.

| Paint code | Substrate | Final coat | Painting system | Colour reference |
| --- | --- | --- | --- | --- |
|  | Concrete/Asphalt | Rapidline | TM 13.30 |  |

Paint code: The project specific identifier for reference in a Finishes Schedule, e.g. P1, P2.

Substrate: Used to reference the Paint systems, e.g. Timber window frames. Different substrates usually require different paint systems.

Final coat: Design decision, e.g. Full gloss latex, semi-gloss latex.

Painting system: Valspar specification as designated.

### Additional data

#### Paint system characteristics schedule

Include the **Paint system characteristics schedule** where information is required.

| Paint code | Characteristic | Requirements |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |

Paint code: The project specific identifier for reference in a Finishes schedule, e.g. P1, P2.

Characteristic: e.g. Minimum dry film thickness, Texture profile, Gloss level. See **PAINTING SYSTEMS** for examples of paint systems to which these additional requirements may apply e.g., for Texture finish, latex - interior, and Texture finish, latex - exterior, include minimum dry film thickness and texture profile. For One pack polyurethane clear - Interior, and Two-pack polyurethane clear - Interior, specify gloss level.

Requirements: Examples include:

* Minimum dry film thickness: 300 µm.
* Textured profile: Medium.
* Gloss level: Flat, Low gloss, Semi-gloss, Gloss or Full gloss.

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 3730 Guide to the properties of paints for buildings

AS 3730.1 2006 Latex - Interior - Flat

AS 3730.2 2006 Latex - Interior - Semi-gloss

AS 3730.3 2006 Latex - Interior - Low gloss

AS 3730.8 2006 Latex - Exterior - Low gloss

AS 3730.10 2006 Latex - Exterior - Gloss

AS 3730.12 2006 Latex - Interior - Gloss

AS 3730.13 2006 Primer - Wood - Solvent-borne - Interior/exterior

AS 3730.14 2006 Undercoat - Solvent-borne - Interior/exterior

AS 3730.15 2006 Primer - Latex - For metallic zinc surfaces

AS 3730.16 2006 Latex - Self-priming timber finish - Exterior

AS 3730.17 2006 Primer - Wood - Latex - Interior/exterior

AS 3730.18 2006 Undercoat/sealer - Latex - Interior/exterior

AS 3730.27 2006 Clear coatings for interior timber floors

AS/NZS 3750 Paints for steel structures

AS/NZS 3750.9 2009 Organic zinc-rich primer

AS 4049 Paints and related materials - Pavement marking materials

AS 4049.3 2005 Waterborne paint - For use with surface applied glass beads

AS/NZS 4548 Guide to long-life coatings for concrete and masonry

AS/NZS 4548.3 1999 Latex - Textured coatings - Non-aggregate

AS/NZS 4680 2006 Hot-dip galvanized (zinc) coatings on fabricated ferrous articles

AUS Gov Poisons standard  2023 Therapeutic Goods Instrument 2023

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

AS 1345 1995 Identification of the contents of pipes, conduits and ducts

AS 1580 Paints and related materials - Methods of test

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 2700 2011 Colour standards for general purposes

AS 3730 Guide to the properties of paints for buildings

AS 3730.0 2006 General information on the specification, purchasing and testing of paints

AS/NZS 4361 Guide to hazardous paint management

AS/NZS 4361.2 2017 Lead paint in residential, public and commercial buildings

NATSPEC GEN 006 Product specifying and substitution

NATSPEC GEN 024 Using NATSPEC selections schedules

NATSPEC TR 01 Specifying ESD