

<b>0671P HAYMES PAINTING</b>
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**Branded worksection**

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**Worksection abstract**

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

**Guidance text**

All text within these boxes is provided as guidance for developing this worksection and should not form part of the final specification. This *Guidance* text may be hidden or deleted from the document using the hidden text *Hide* and *Delete* functions of your word processing system. For additional information visit FAQs at [www.natspec.com.au](http://www.natspec.com.au).

**Optional style text**

Text in this font (blue with a grey background) covers items specified less frequently. It is provided for incorporation into *Normal* style text where it is applicable to a project.

**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](http://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 including additional text:

- Coatings with low/zero VOC emission.
- 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

### 1.1 RESPONSIBILITIES

#### General

Requirement: Provide HAYMES 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 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

#### HAYMES Paint contacts

Website: [www.haymespaint.com.au/information/contact](http://www.haymespaint.com.au/information/contact)

### 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

Product Data Sheets: [Specifiers.haymespaint.com.au/product information](http://Specifiers.haymespaint.com.au/product%20information)

Paint Specification System: [Specifiers.haymespaint.com.au/paintspec](http://Specifiers.haymespaint.com.au/paintspec)

### 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

### 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 samples of timber or timber veneer matching those to be used in the works as follows:

- Requirement: Label for identification and prepare, putty, stain, seal and coat in conformance with the documented system.
- Size: Large enough to be cut into 4 segments.

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

Use the 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 paint to be tested.

### Wet samples schedule

Paint type	Colour

Paint type	Colour

Delete **Wet samples** if paint is not to be tested.

### Subcontractors

Specialist applicators: Submit name 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. For information on HAYMES standard paint warranty see [www.haymespaint.com.au/information/terms-and-conditions](http://www.haymespaint.com.au/information/terms-and-conditions).

## 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.

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.

## 2 PRODUCT

### 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 NANATSPEC 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.

**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.

**2.2 PAINTING MATERIALS****Standards**

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

**HAYMES paint type table**

Generic paint type	HAYMES product	Product Data Sheet (PDS)	Paint reference AS/NZS 2311 Table 4.2	Australian Standard
<b>Flat latex: Interior</b>	Haymes Expressions Ceiling (Low VOC)	CWE	B6	AS 3730.1
	Haymes Expressions Matt	MA	B6	AS 3730.1
	Haymes Elite Ceiling	ECW		
<b>Low sheen latex: Interior</b>	Haymes Expressions Low Sheen (Low VOC)	LSA	B7	AS 3730.3
	Haymes Elite Low Sheen (Low VOC)	EILSW		
<b>Semi-gloss latex: Interior</b>	Haymes Expressions Semi-gloss (Low VOC)	SGA	B8	AS 3730.2
	Haymes Elite Satin (Low VOC)	EISW		
<b>Flat latex: Exterior</b>	Haymes Solashield Matt	MSS	B6	AS 3730.7
<b>Low gloss latex: Exterior</b>	Haymes Solashield Low Sheen	LSS	B7	AS 3730.8
	Haymes Elite Low Sheen	EELSW	B7	AS 3730.8
<b>Semi-gloss latex: Exterior</b>	Haymes Solashield Satin	SSS	B8	AS 3730.9
<b>Gloss latex: Exterior</b>	Haymes Solashield Gloss	GS	B9	AS 3730.10
	Haymes Elite Gloss	EEGW	B9	AS 3730.10
<b>Semi-gloss latex: Interior trim</b>	Haymes Ultratrim Acrylic Enamel Semi-Gloss (Low VOC)	UTSG	B41	

Generic paint type	HAYMES product	Product Data Sheet (PDS)	Paint reference AS/NZS 2311 Table 4.2	Australian Standard
<b>Gloss latex: Interior trim</b>	Haymes Ultratrim Acrylic Enamel High Gloss	UTG	B42	
<b>Semi-gloss solvent-borne: Interior</b>	Haymes Ultratrim Enamel Semi-gloss	UESG	B3	AS 3730.5
	Haymes Elite Trim Enamel Semi-gloss	ETES		
<b>High gloss solvent-borne: Interior</b>	Haymes Ultratrim Enamel High-gloss	UEHG	B5	AS 3730.5
	Haymes Elite Trim Enamel High-gloss	ETEHG		
<b>High gloss solvent-borne: Exterior</b>	Haymes Ultratrim Enamel High-gloss	UEHG	B5	AS 3730.6
	Haymes Elite Trim Enamel High-gloss	ETEHG		
<b>Wood primer solvent-borne</b>	Haymes Ultraprep Ultralock	UPUL	B10	AS 3730.13
<b>Wood primer latex</b>	Haymes Ultraprep Ultracover	UPUC		
<b>Concrete and masonry sealer water borne</b>	Haymes Rendertex Tilt Panel Prep	RTPP	B15	
<b>Concrete and masonry sealer solvent borne</b>	Haymes Rendertex Masonry Sealer	RMS	B15	
<b>Concrete, masonry and wallboard sealer undercoat water borne</b>	Haymes Rendertex Renderprime	HRRP	B16	
<b>Concrete, masonry and wallboard sealer undercoat solvent borne</b>	Haymes Ultraprep Ultralock	UPUL	B16	
<b>Concrete, masonry, wallboard texture coat water borne</b>	Haymes Rendertex Rendershield	RRMM		
<b>Concrete, masonry 2 pack epoxy</b>	Haymes Ultimate Epoxy Gloss (coloured and clear)	U2EG U2EGC		
<b>Concrete, masonry 2 pack epoxy</b>	Haymes Ultimate Epoxy Satin (coloured and clear)	U2ES U2ESC		
<b>Concrete, masonry 2 pack polyurethane</b>	Haymes Ultimate Polyurethane Satin (coloured and clear)	U2MPG U2MPGC		

Generic paint type	HAYMES product	Product Data Sheet (PDS)	Paint reference AS/NZS 2311 Table 4.2	Australian Standard
Concrete, masonry 2 pack polyurethane	Haymes Ultimate Polyurethane Satin (coloured and clear)	U2MPS U2MPSC		
Undercoat solvent-borne	Haymes Ultraprep Ultralock	UPUL	B17	AS 3730.14
Undercoat latex: interior	Haymes Ultraprep Ultracover	UPUC	B17A	AS 3730.18
	Haymes Ultraprep Ultraseal	UPUS	B17A	AS 3730.18
	Haymes Elite Sealer	EPASU	B17A	AS 3730.18
	Haymes Elite Tricoat primer sealer	EPPSU	B17A	AS 3730.18
	Haymes Elite Primer	EPQDU	B17A	AS 3730.18
Undercoat, latex: exterior	Haymes Ultraprep Ultracover	UPUC	B17A	AS 3730.18
Metal primer, water borne	Haymes Rustlock Metal Primer	RLP		
Metal primer, solvent borne	Haymes Ultraprep Ultraprime	UPUP		
Clear varnish for timber floors, water borne (Low VOC): interior	Haymes Aqualac Floor	AF		
Clear varnish for timber floors, solvent borne: interior	Haymes Easy floor	SWEF		
Clear varnish for timber trim, water borne (Low VOC): interior	Haymes Aqualac GP Clear	AF		
Clear varnish for timber trim: interior	Haymes Interior GP Clear	IGPC		
Wood Stain for trim, solvent borne): interior	Simply Woodcare Wood Stain	WS		
Polyurethane varnish for timber decking & walls: exterior	Haymes Exterior GP Clear	EGPC		
Decking paint for timber: exterior	Haymes Dexpress	SDEX		
Decking oil paint for timber: exterior	Haymes Exterior Decking Oil	EDO		
Paving paint for concrete floors	Haymes Quickpave paving	QPP		

Generic paint type	HAYMES product	Product Data Sheet (PDS)	Paint reference AS/NZS 2311 Table 4.2	Australian Standard
water borne				
Anti-Graffiti water based single pack	Haymes Ultimate Single Pack Exterior and Anti-Graffiti	USEG		
Anti-Graffiti water based 2 pack	Haymes Ultimate 2 Pack Anti- Graffiti	U2AG		

### HAYMES 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 clause 1.5.2.6 and Table 4.2 for guidance on low VOC paint types.

HAYMES Paint 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.

Product type	Haymes products	VOC gm/litre tinted
<b>Interior Paints</b>		
<b>Undercoats &amp; Sealer</b>	C undercoat	< 5
	Haymes Ultraprep Ultracover Primer Sealer	< 5
	Haymes Elite Sealer Undercoat	< 5
<b>Ceilings</b>	Haymes Expressions Ceiling Enviro	< 5
<b>Walls</b>	Haymes Expressions Matt	< 5
	Haymes Expressions Low Sheen	< 5
	Haymes Expressions Semi-Gloss	< 5
	Haymes Elite Low Sheen	< 5
	Haymes Elite Satin	< 5
<b>Trim</b>	Haymes Ultratrim Acrylic Enamel Semi-Gloss	35
	Haymes Ultratrim Acrylic Enamel High Gloss	55
<b>Exterior paints</b>		
<b>Walls</b>	Haymes Solashield Matt	50
	Haymes Solashield Low Sheen	50
	Haymes Solashield Satin	54
	Haymes Solashield Gloss	66
<b>Trim</b>	Haymes Ultratrim Acrylic Enamel Semi-Gloss	35
	Haymes Ultratrim Acrylic Enamel High Gloss	55
<b>Timber finishes</b>		
<b>Interior Clear Polyurethane General Purpose</b>	Haymes Aqualac GP Satin	189
	Haymes Aqualac GP Gloss	154
<b>Interior Clear Polyurethane Flooring single pack</b>	Haymes Aqualac Floor Satin	120
	Haymes Aqualac Floor Gloss	120
<b>Exterior Timber Stain</b>	Haymes Dexpress	57

Product type	Haymes products	VOC gm/litre tinted
<b>Texture finishes</b>		
Roll on Membrane	Haymes Rendertex Rendershield	47
<b>Speciality products</b>		
<b>Water based Epoxy 2 pack</b>	Haymes Ultimate Water Based Epoxy Satin	26
	Haymes Ultimate Water Based Epoxy Gloss	118
<b>Water based Polyurethane 2 pack</b>	Haymes Ultimate Water Based Polyurethane Satin	36
	Haymes Ultimate Water Based Polyurethane Gloss	90
<b>Water based Anti-Graffiti single pack</b>	Haymes Ultimate Water Based Anti-Graffiti Satin	1
	Haymes Ultimate Water Based Anti-Graffiti Gloss	1
<b>Water based Anti-Graffiti 2 pack</b>	Haymes Ultimate Water Based Anti-Graffiti Satin	43
	Haymes Ultimate Water Based Anti-Graffiti Gloss	43

### Combinations

General: Do not combine paints 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 topcoats.

### 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 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.

## 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 pre-treatments 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, pre-treatments 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.

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 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 appropriate 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 aluminium 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 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 a satisfactory opacity.

Final coat selection: To the **INTERIOR PAINTING SCHEDULE** and the **EXTERIOR PAINTING SCHEDULE**.

**Low VOC emitting paints**

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 clause 1.5.2.6 and Table 4.2 for guidance on low VOC paint types.

General: Provide the VOC limits as documented in the **HAYMES low VOC paint table**.

**Previously painted surfaces**

Standard: To AS/NZS 2311 Tables 8.2 and 8.3.

Other requirements: Apply the following:

- Sealer: [complete/delete]
- Undercoat: [complete/delete]

Consult manufacturer.

### Specialised painting systems

Standard: To AS/NZS 2311 clause 5.2.

## 3.3 APPLICATION

### Light levels

General:  $\geq 400$  lux.

Amend for other artificial illumination conditions

### 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 4114.1 and AS/NZS 4114.2.

AS/NZS 4114.1 and AS/NZS 4114.2 set out standards 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.

**3.4 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 which do not scratch or damage adjacent finished surfaces.

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

Removed fixtures: Refix 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.

**4 SELECTIONS**

**4.1 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.

## 4.2 INTERIOR PAINTING SCHEDULES

### HAYMES interior latex Ultra premium (low VOC and anti-mould)

HAYMES Expressions is an ultra-premium interior coating that delivers impressive long-lasting protection. With exceptional coverage and hiding power, Expressions has superior washability - marks can be easily washed off without leaving a trace. The highly durable, low odour, stain-resistant formulation is complemented with a 7 year mould and mildew protection guarantee making it ideal for wet areas such as Kitchens and Bathrooms.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Previously Painted Water Based Acrylic Finishes	Ultraseal	Expressions Ceiling White Enviro	Expressions Ceiling White Enviro	
	Paper-Faced Plasterboard	Ultraseal	Expressions Ceiling White Enviro	Expressions Ceiling White Enviro	
	Timber	Ultracover	Expressions Ceiling White Enviro	Expressions Ceiling White Enviro	
	Hard Set Plaster (Water-Based Primer)	Ultralock	Expressions Ceiling White Enviro	Expressions Ceiling White Enviro	
	Brickwork Blockwork	Ultraseal	Expressions Ceiling White Enviro	Expressions Ceiling White Enviro	
	Cement Render	Ultraseal	Expressions Ceiling White Enviro	Expressions Ceiling White Enviro	
	Off-Form Concrete (OFC)	Ultracover	Expressions Ceiling White Enviro	Expressions Ceiling White Enviro	
	Fibre Cement Sheet (FCS)	Ultraseal	Expressions Ceiling White Enviro	Expressions Ceiling White Enviro	
	Previously Painted Water Based Acrylic Finishes	Ultraseal	Expressions Matt	Expressions Matt	
	Paper-Faced Plasterboard	Ultraseal	Expressions Matt	Expressions Matt	
	Timber	Ultracover	Expressions Matt	Expressions Matt	
	Hard Set Plaster (Water-Based Primer)	Ultralock	Expressions Matt	Expressions Matt	
	Brickwork Blockwork	Ultraseal	Expressions Matt	Expressions Matt	
	Cement Render	Ultraseal	Expressions Matt	Expressions Matt	
	Off-Form Concrete (OFC)	Ultracover	Expressions Matt	Expressions Matt	
	Fibre Cement Sheet (FCS)	Ultraseal	Expressions Matt	Expressions Matt	
	Tilt-Up and Pre-Cast Concrete	Ultracover	Expressions Matt	Expressions Matt	

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Previously Painted Water Based Acrylic Finishes	Ultraseal	Expressions Low Sheen	Expressions Low Sheen	
	Paper-Faced Plasterboard	Ultraseal	Expressions Low Sheen	Expressions Low Sheen	
	Timber	Ultracover	Expressions Low Sheen	Expressions Low Sheen	
	Hard Set Plaster (Water-Based Primer)	Ultralock	Expressions Low Sheen	Expressions Low Sheen	
	Brickwork Blockwork	Ultraseal	Expressions Low Sheen	Expressions Low Sheen	
	Cement Render	Ultraseal	Expressions Low Sheen	Expressions Low Sheen	
	Off-Form Concrete (OFC)	Ultracover	Expressions Low Sheen	Expressions Low Sheen	
	Tilt-Up and Pre-Cast Concrete	Ultracover	Expressions Low Sheen	Expressions Low Sheen	
	Fibre Cement Sheet (FCS)	Ultraseal	Expressions Low Sheen	Expressions Low Sheen	
	Previously Painted Water Based Acrylic Finishes	Ultraseal	Expressions Semi Gloss	Expressions Semi Gloss	
	Paper-Faced Plasterboard	Ultraseal	Expressions Semi Gloss	Expressions Semi Gloss	
	Timber	Ultracover	Expressions Semi Gloss	Expressions Semi Gloss	
	Hard Set Plaster (Water-Based Primer)	Ultralock	Expressions Semi Gloss	Expressions Semi Gloss	
	Brickwork Blockwork	Ultraseal	Expressions Semi Gloss	Expressions Semi Gloss	
	Cement Render	Ultraseal	Expressions Semi Gloss	Expressions Semi Gloss	
	Off-Form Concrete (OFC)	Ultracover	Expressions Semi Gloss	Expressions Semi Gloss	
	Tilt-Up and Pre-Cast Concrete	Ultracover	Expressions Semi Gloss	Expressions Semi Gloss	
	Fibre Cement Sheet (FCS)	Ultraseal	Expressions Semi Gloss	Expressions Semi Gloss	

### HAYMES interior latex Premium trade

HAYMES Elite Interior is a premium quality, low odour, water-based 100% acrylic paint that's 99% VOC free. It's easy to apply, washable and ideal for interior walls and exterior sheltered surfaces. It is suitable for use in high wear areas such as kid's bedrooms and high traffic areas where a hard wearing, scrubbable finish is required. The satin finish is ideal for kitchens and bathrooms where high levels of moisture or steam are present.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Previously Painted Water	Elite Sealer Undercoat	Elite Ceiling	Elite Ceiling	

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Based Acrylic Finishes				
	Paper-Faced Plasterboard	Elite Sealer Undercoat	Elite Ceiling	Elite Ceiling	
	Timber	Elite Tricoat	Elite Ceiling	Elite Ceiling	
	Hard Set Plaster (Water-Based Primer)	Elite Quick Dry Undercoat	Elite Ceiling	Elite Ceiling	
	Brickwork Blockwork	Elite Sealer Undercoat	Elite Ceiling	Elite Ceiling	
	Cement Render	Elite Sealer Undercoat	Elite Ceiling	Elite Ceiling	
	Off-Form Concrete (OFC)	Elite Tricoat	Elite Ceiling	Elite Ceiling	
	Fibre Cement Sheet (FCS)	Elite Sealer Undercoat	Elite Ceiling	Elite Ceiling	
	Previously Painted Water Based Acrylic Finishes	Elite Sealer Undercoat	Elite Low Sheen	Elite Low Sheen	
	Paper-Faced Plasterboard	Elite Sealer Undercoat	Elite Low Sheen	Elite Low Sheen	
	Timber	Elite Tricoat	Elite Low Sheen	Elite Low Sheen	
	Hard Set Plaster (Water-Based Primer)	Elite Quick Dry Undercoat	Elite Low Sheen	Elite Low Sheen	
	Brickwork Blockwork	Elite Sealer Undercoat	Elite Low Sheen	Elite Low Sheen	
	Cement Render	Elite Sealer Undercoat	Elite Low Sheen	Elite Low Sheen	
	Off-Form Concrete (OFC)	Elite Tricoat	Elite Low Sheen	Elite Low Sheen	
	Tilt-Up and Pre-Cast Concrete	Elite Sealer Undercoat	Elite Low Sheen	Elite Low Sheen	
	Fibre Cement Sheet (FCS)	Elite Sealer Undercoat	Elite Low Sheen	Elite Low Sheen	
	Previously Painted Water Based Acrylic Finishes	Elite Sealer Undercoat	Elite Satin	Elite Satin	
	Paper-Faced Plasterboard	Elite Sealer Undercoat	Elite Satin	Elite Satin	
	Timber	Elite Tricoat	Elite Satin	Elite Satin	
	Hard Set Plaster (Water-Based Primer)	Elite Quick Dry Undercoat	Elite Satin	Elite Satin	
	Brickwork Blockwork	Elite Sealer Undercoat	Elite Satin	Elite Satin	
	Cement Render	Elite Sealer Undercoat	Elite Satin	Elite Satin	

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Off-Form Concrete (OFC)	Elite Tricoat	Elite Satin	Elite Satin	
	Tilt-Up and Pre-Cast Concrete	Elite Sealer Undercoat	Elite Satin	Elite Satin	
	Fibre Cement Sheet (FCS)	Elite Sealer Undercoat	Elite Satin	Elite Satin	

### HAYMES interior latex enamel

HAYMES Ultratrim Acrylic Enamel is a low odour, fast drying trim paint unique water based technology that provides a tough, durable enamel coating. It is a simple to use, hard wearing, non-chipping and non-yellowing formula with a quick 2 hour recoat. The excellent flow and levelling ensure a smooth finish that is easy to clean. Ultratrim Acrylic Enamel can be used for Interior and Exterior surfaces providing a long lasting finish that has the convenience of water wash up.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Shop primed steel	Rustlock Metal Primer	Ultratrim Acrylic Enamel High Gloss	Ultratrim Acrylic Enamel High Gloss	
	Timber	Ultracover	Ultratrim Acrylic Enamel High Gloss	Ultratrim Acrylic Enamel High Gloss	
	Galvanized steel	Rustlock Metal Primer	Ultratrim Acrylic Enamel High Gloss	Ultratrim Acrylic Enamel High Gloss	
	Iron and steel	Rustlock Metal Primer	Ultratrim Acrylic Enamel High Gloss	Ultratrim Acrylic Enamel High Gloss	
	Shop primed steel	Rustlock Metal Primer	Ultratrim Acrylic Enamel Semi Gloss	Ultratrim Acrylic Enamel Semi Gloss	
	Timber	Ultracover Primer Sealer	Ultratrim Acrylic Enamel Semi Gloss	Ultratrim Acrylic Enamel Semi Gloss	
	Galvanized steel	Rustlock Metal Primer	Ultratrim Acrylic Enamel Semi Gloss	Ultratrim Acrylic Enamel Semi Gloss	
	Iron and steel	Rustlock Metal Primer	Ultratrim Acrylic Enamel Semi Gloss	Ultratrim Acrylic Enamel Semi Gloss	

Note: For timber where tannin bleed or staining is likely to occur, apply a spot prime of Haymes Ultralock followed by one full coat of Haymes Ultralock.

### HAYMES interior solvent borne Ultra premium

HAYMES Ultratrim Enamel provides a tough, durable and washable finish. The easy to use Ultra-Premium quality enamel provides a brilliantly smooth, high gloss finish with superb coverage. The almost mirror finish makes the coating resilient to scuffing and simple to wipe clean making it ideal for high wear traffic areas. The Ultratrim Enamel High Gloss finish is suitable for Interior and Exterior use

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Timber	Ultralock	Ultratrim Enamel High Gloss	Ultratrim Enamel High Gloss	
	MDF	Ultralock	Ultratrim	Ultratrim	

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
			Enamel High Gloss	Enamel High Gloss	
	Shop primed steel	Ultraprime	Ulratrim Enamel High Gloss	Ulratrim Enamel High Gloss	
	Galvanized steel	Rustlock Metal Primer	Ulratrim Enamel High Gloss	Ulratrim Enamel High Gloss	
	Iron and steel	Ultraprime	Ulratrim Enamel High Gloss	Ulratrim Enamel High Gloss	
	Timber	Ultralock	Ulratrim Enamel Semi Gloss	Ulratrim Enamel Semi Gloss	
	MDF	Ultralock	Ulratrim Enamel Semi Gloss	Ulratrim Enamel Semi Gloss	
	Shop primed steel	Ultraprime	Ulratrim Enamel Semi Gloss	Ulratrim Enamel Semi Gloss	
	Galvanized steel	Rustlock Metal Primer	Ulratrim Enamel Semi Gloss	Ulratrim Enamel Semi Gloss	
	Iron and steel	Ultraprime	Ulratrim Enamel Semi Gloss	Ulratrim Enamel Semi Gloss	

### HAYMES interior solvent borne Premium Trade

HAYMES Elite Trim Enamel is a high quality, oil-based premium grade enamel that produces an extremely tough, hard wearing, mark resistant coating. Easy to apply, with excellent coverage the Elite Enamel has excellent flow and levelling ensuring a smooth finish.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Timber	Ultralock	Elite Trim Enamel High Gloss	Elite Trim Enamel High Gloss	
	MDF	Elite Precoat Quick Dry Primer	Elite Trim Enamel High Gloss	Elite Trim Enamel High Gloss	
	Shop primed steel	Ultraprime	Elite Trim Enamel High Gloss	Elite Trim Enamel High Gloss	
	Galvanized steel	Rustlock Metal Primer	Elite Trim Enamel High Gloss	Elite Trim Enamel High Gloss	
	Iron and steel	Ultraprime	Elite Trim Enamel High Gloss	Elite Trim Enamel High Gloss	
	Timber	Ultralock	Elite Trim Enamel Satin	Elite Trim Enamel Satin	
	MDF	Elite Precoat Quick Dry Primer	Elite Trim Enamel Satin	Elite Trim Enamel Satin	

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Shop primed steel	Ultraprime	Elite Trim Enamel Satin	Elite Trim Enamel Satin	
	Galvanized steel	Rustlock Metal Primer	Elite Trim Enamel Satin	Elite Trim Enamel Satin	
	Iron and steel	Ultraprime	Elite Trim Enamel Satin	Elite Trim Enamel Satin	

### HAYMES wood clear polyurethane and varnish finishes

HAYMES Simple Woodcare Easy Floor is a single pack, clear modified polyurethane-based floor coating that enhances and protects the natural appearance of timber. Easy to apply and maintain with an abrasion, crack and chip resistant coating.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Timber floors	Easy Floor Gloss	Easy Floor Gloss	Easy Floor Gloss	
	Timber floors	Easy Floor Satin	Easy Floor Satin	Easy Floor Satin	
	Timber trim	Interior General Purpose Clear Gloss	Interior General Purpose Clear Gloss	Interior General Purpose Clear Gloss	
	Timber trim	Interior General Purpose Clear Satin	Interior General Purpose Clear Satin	Interior General Purpose Clear Gloss	

### HAYMES wood stain and clear finishes

HAYMES Simple Woodcare Aqualac Floor is a tough, non-yellowing, interior urethane acrylic lacquer that dries quickly with minimal odour to a completely clear finish. Excellent scratch and scuff resistance makes it ideal for cork, parquetry or timber floors and bench tops. Being a water based formulation it offers the convenience of water wash-up.

Paint code	Substrate	1 <sup>st</sup> coat	3 <sup>rd</sup> coat	2 <sup>nd</sup> coat	Stain colour
	Timber	Simply Woodcare Wood Stain	Simply Woodcare Wood Stain		
	Timber floors	Aqualac Floor Satin	Aqualac Floor Satin	Aqualac Floor Gloss	
	Timber floors	Aqualac Floor Satin	Aqualac Floor Satin	Aqualac Floor Satin	
	Timber	Aqualac GP Clear Gloss	Aqualac GP Clear Gloss	Aqualac GP Clear Gloss	
	Timber	Aqualac GP Clear Gloss	Aqualac GP Clear Gloss	Aqualac GP Clear Gloss	

### HAYMES two pack epoxy water borne

HAYMES Ultimate Epoxy is a two-pack water-based epoxy coating with excellent film properties and surface hardness. Ultimate Epoxy Gloss Clear is a self-priming and environmentally aware coating system which is ideal as a floor coating due to its excellent adhesion, chemical resistance, and tolerance to damp surfaces. Although designed to be used primarily on concrete floors this multi-functional coating system will protect and enhance tilt slabs, steel, slate, and many other substrates.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Concrete	Ultimate Epoxy Gloss - Coloured	Ultimate Epoxy Gloss - Coloured	Ultimate Epoxy Gloss - Coloured	
	Concrete	Ultimate Epoxy	Ultimate Epoxy	Ultimate Epoxy	

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
		Gloss - Clear	Gloss - Clear	Gloss - Clear	
	Concrete	Ultimate Epoxy Satin - Coloured	Ultimate Epoxy Satin - Coloured	Ultimate Epoxy Satin - Coloured	
	Concrete	Ultimate Epoxy Gloss - Clear	Ultimate Epoxy Gloss - Clear	Ultimate Epoxy Satin - Clear	
	Cement render	Ultimate Epoxy Gloss - Coloured	Ultimate Epoxy Gloss - Coloured	Ultimate Epoxy Gloss - Coloured	
	Cement render	Ultimate Epoxy Gloss - Clear	Ultimate Epoxy Gloss - Clear	Ultimate Epoxy Gloss - Clear	
	Cement render	Ultimate Epoxy Satin - Coloured	Ultimate Epoxy Satin - Coloured	Ultimate Epoxy Satin - Coloured	
	Cement render	Ultimate Epoxy Gloss - Clear	Ultimate Epoxy Gloss - Clear	Ultimate Epoxy Satin - Clear	

### HAYMES two pack polyurethane water borne Interior & Exterior

HAYMES Ultimate Epoxy is a two-pack water-based epoxy coating with excellent film properties and surface hardness. Ultimate Epoxy Gloss Clear is a self-priming and environmentally aware coating system which is ideal as a floor coating due to its excellent adhesion, chemical resistance, and tolerance to damp surfaces. Although designed to be used primarily on concrete floors this multi-functional coating system will protect and enhance tilt slabs, steel, slate, and many other substrates.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Concrete	Ultimate Epoxy Gloss - Coloured	Haymes Ultimate Water Based Polyurethane Gloss Coloured	Haymes Ultimate Water Based Polyurethane Gloss Coloured	
	Concrete	Ultimate Epoxy Gloss - Clear	Haymes Ultimate Water Based Polyurethane Gloss Clear	Haymes Ultimate Water Based Polyurethane Gloss Clear	
	Concrete	Ultimate Epoxy Satin - Coloured	Haymes Ultimate Water Based Polyurethane Satin Coloured	Haymes Ultimate Water Based Polyurethane Satin Coloured	
	Concrete	Ultimate Epoxy Gloss - Clear	Haymes Ultimate Water Based Polyurethane Gloss Clear	Haymes Ultimate Water Based Polyurethane Satin Clear	
	Cement render	Ultimate Epoxy Gloss - Coloured	Haymes Ultimate Water Based Polyurethane Gloss Coloured	Haymes Ultimate Water Based Polyurethane Gloss Coloured	
	Cement render	Ultimate Epoxy Gloss - Clear	Haymes Ultimate Water Based Polyurethane Gloss Clear	Haymes Ultimate Water Based Polyurethane Gloss Clear	
	Cement render	Ultimate Epoxy	Haymes	Haymes	

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
		Satin - Coloured	Ultimate Water Based Polyurethane Satin Coloured	Ultimate Water Based Polyurethane Satin Coloured	
	Cement render	Ultimate Epoxy Gloss - Clear	Haymes Ultimate Water Based Polyurethane Gloss Clear	Haymes Ultimate Water Based Polyurethane Satin Clear	

Note: For clear finishes in satin, apply gloss coatings before the final satin coat to reduce the incidence of clouding due to matting agent.

### 4.3 EXTERIOR PAINTING SCHEDULES

#### HAYMES exterior latex Ultra-Premium

HAYMES Solashield anti-ageing Surface Lock Technology ensures your home will stay looking good for longer. With superior adhesion and flexibility, the self-priming interlocking barrier coating actively repels mould, dust and dirt and delivers a long lasting finish, Haymes Solashield provides the ultimate UV defence for all Australian weather conditions.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Previously Painted Water Based Acrylic Finishes	Solashield Matt	Solashield Matt		
	Brickwork Blockwork	Solashield Matt	Solashield Matt	Solashield Matt	
	Cement Render	Solashield Matt	Solashield Matt	Solashield Matt	
	Off-Form Concrete (OFC)	Rendertex Renderprime	Solashield Matt	Solashield Matt	
	Fibre Cement Sheet (FCS)	Solashield Matt	Solashield Matt	Solashield Matt	
	Tilt-Up and Pre-Cast Concrete	Rendertex Renderprime	Solashield Matt	Solashield Matt	
	Previously Painted Water Based Acrylic Finishes	Solashield Low Sheen	Solashield Low Sheen	Solashield Low Sheen	
	Timber	Solashield Low Sheen	Solashield Low Sheen	Solashield Low Sheen	
	Brickwork Blockwork	Solashield Low Sheen	Solashield Low Sheen	Solashield Low Sheen	
	Cement Render	Solashield Low Sheen	Solashield Low Sheen	Solashield Low Sheen	
	Off-Form Concrete (OFC)	Rendertex Renderprime	Solashield Low Sheen	Solashield Low Sheen	
	Fibre Cement Sheet (FCS)	Solashield Low Sheen	Paintspec 1 <sup>st</sup> & 2 <sup>nd</sup> coat: Solashield Low Sheen	Solashield Low Sheen	
	Tilt-Up and Pre-Cast Concrete	Rendertex Renderprime	Solashield Low Sheen	Solashield Low Sheen	

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Galvanized Iron and Zincalume®	Rustlock Metal Primer	Solashield Low Sheen	Solashield Low Sheen	
	Bare Iron and Steel (not galvanized)	Solashield Low Sheen	Solashield Low Sheen	Solashield Low Sheen	
	PVC	Solashield Low Sheen	Solashield Low Sheen	Solashield Low Sheen	
	Previously Painted Water Based Acrylic Finishes	Solashield Satin	Solashield Satin	Solashield Satin	
	Timber	Solashield Satin	Solashield Satin	Solashield Satin	
	Brickwork Blockwork	Solashield Satin	Solashield Satin	Solashield Satin	
	Cement Render	Solashield Satin	Solashield Satin	Solashield Satin	
	Off-Form Concrete (OFC)	Rendertex Renderprime	Solashield Satin	Solashield Satin	
	Fibre Cement Sheet (FCS)	Solashield Satin	Solashield Satin	Solashield Satin	
	Tilt-Up and Pre-Cast Concrete	Rendertex Renderprime	Solashield Satin	Solashield Satin	
	Galvanized Iron and Zincalume®	Rustlock Metal Primer	Solashield Satin	Solashield Satin	
	Bare Iron and Steel (not galvanized)	Solashield Satin	Solashield Satin	Solashield Satin	
	PVC	Solashield Satin	Solashield Satin	Solashield Satin	
	Previously Painted Water Based Acrylic Finishes	Solashield Gloss	Solashield Gloss	Solashield Gloss	
	Timber	Solashield Gloss	Solashield Gloss	Solashield Gloss	
	Brickwork Blockwork	Solashield Gloss	Solashield Gloss	Solashield Gloss	
	Cement Render	Solashield Gloss	Solashield Gloss	Solashield Gloss	
	Off-Form Concrete (OFC)	Rendertex Renderprime	Solashield Gloss	Solashield Gloss	
	Fibre Cement Sheet (FCS)	Solashield Gloss	Solashield Gloss	Solashield Gloss	
	Tilt-Up and Pre-Cast Concrete	Rendertex Renderprime	Solashield Gloss	Solashield Gloss	
	Galvanized Iron and Zincalume®	Rustlock Metal Primer	Solashield Gloss	Solashield Gloss	
	Bare Iron and Steel (not	Solashield Gloss	Solashield Gloss	Solashield Gloss	

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	galvanized)				
	PVC	Solashield Gloss	Solashield Gloss	Solashield Gloss	

Note: For timber where tannin bleed or staining is likely to occur, apply a spot prime of Haymes Ultralock followed by one full coat of Haymes Ultralock.

### HAYMES exterior latex Premium Trade

HAYMES Elite Exterior is a high quality, easy to apply, water based, self-priming 100% acrylic paint ideal for various exterior surfaces. It has excellent UV resistance and durability that provides fantastic coverage and is reinforced with a 12 Year Guarantee against blistering, peeling and flaking.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Previously Painted Water Based Acrylic Finishes	Elite Low Sheen	Elite Low Sheen		
	Timber	Elite Low Sheen	Elite Low Sheen	Elite Low Sheen	
	Brickwork Blockwork	Elite Low Sheen	Elite Low Sheen	Elite Low Sheen	
	Cement Render	Elite Low Sheen	Elite Low Sheen	Elite Low Sheen	
	Off-Form Concrete (OFC)	Rendertex Renderprime	Elite Low Sheen	Elite Low Sheen	
	Fibre Cement Sheet (FCS)	Elite Low Sheen	Elite Low Sheen	Elite Low Sheen	
	Tilt-Up and Pre-Cast Concrete	Rendertex Renderprime	Elite Low Sheen	Elite Low Sheen	
	Galvanized Iron and Zinalume <sup>®</sup>	Rustlock Metal Primer	Elite Low Sheen	Elite Low Sheen	
	Bare Iron and Steel (not galvanized)	Elite Low Sheen	Elite Low Sheen	Elite Low Sheen	
	PVC	Elite Low Sheen	Elite Low Sheen	Elite Low Sheen	
	Previously Painted Water Based Acrylic Finishes	Elite Gloss	Elite Gloss		
	Timber	Elite Gloss	Elite Gloss	Elite Gloss	
	Brickwork Blockwork	Elite Gloss	Elite Gloss	Elite Gloss	
	Cement Render	Elite Gloss	Elite Gloss	Elite Gloss	
	Off-Form Concrete (OFC)	Rendertex Renderprime	Elite Gloss	Elite Gloss	
	Fibre Cement Sheet (FCS)	Elite Gloss	Elite Gloss	Elite Gloss	
	Tilt-Up and Pre-Cast Concrete	Rendertex Renderprime	Elite Gloss	Elite Gloss	
	Galvanized Iron and Zinalume <sup>®</sup>	Rustlock Metal Primer	Elite Gloss	Elite Gloss	

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Bare Iron and Steel (not galvanized)	Elite Gloss	Elite Gloss	Elite Gloss	
	PVC	Elite Gloss	Elite Gloss	Elite Gloss	

Note: For timber where tannin bleed or staining is likely to occur, apply a spot prime of Haymes Ultralock followed by one full coat of Haymes Ultralock.

### HAYMES exterior latex enamel

HAYMES Ultratrim Acrylic Enamel is a low odour, fast drying trim paint unique water based technology that provides a tough, durable enamel coating. It is a simple to use, hard wearing, non-chipping and non-yellowing formula with a quick 2 hour recoat. The excellent flow and levelling ensure a smooth finish that is easy to clean. Ultratrim Acrylic Enamel can be used for Interior and Exterior surfaces providing a long lasting finish that has the convenience of water wash up.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Shop primed steel	Rustlock Metal Primer	Ultratrim Acrylic Enamel High Gloss	Ultratrim Acrylic Enamel High Gloss	
	Timber	Ultracover	Ultratrim Acrylic Enamel High Gloss	Ultratrim Acrylic Enamel High Gloss	
	Galvanized steel	Rustlock Metal Primer	Ultratrim Acrylic Enamel High Gloss	Ultratrim Acrylic Enamel High Gloss	
	Iron and steel	Rustlock Metal Primer	Ultratrim Acrylic Enamel High Gloss	Ultratrim Acrylic Enamel High Gloss	
	Shop primed steel	Rustlock Metal Primer	Ultratrim Acrylic Enamel Semi Gloss	Ultratrim Acrylic Enamel Semi Gloss	
	Timber	Ultracover Primer Sealer	Ultratrim Acrylic Enamel Semi Gloss	Ultratrim Acrylic Enamel Semi Gloss	
	Galvanized steel	Rustlock Metal Primer	Ultratrim Acrylic Enamel Semi Gloss	Ultratrim Acrylic Enamel Semi Gloss	
	Iron and steel	Rustlock Metal Primer	Ultratrim Acrylic Enamel Semi Gloss	Ultratrim Acrylic Enamel Semi Gloss	

Note: For timber where tannin bleed or staining is likely to occur, apply a spot prime of Haymes Ultralock followed by one full coat of Haymes Ultralock.

### HAYMES exterior solvent borne

HAYMES Ultratrim Enamel provides a tough, durable and washable finish. The easy to use Ultra-Premium quality enamel provides a brilliantly smooth, high gloss finish with superb coverage. The almost mirror finish makes the coating resilient to scuffing and simple to wipe clean making it ideal for high wear traffic areas. The Ultratrim Enamel High Gloss finish is suitable for Interior and Exterior use

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Timber	Ultralock	Ultratrim Enamel High	Ultratrim Enamel High	

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
			Gloss	Gloss	
	MDF	Ultralock	Ultratrim Enamel High Gloss	Ultratrim Enamel High Gloss	
	Shop primed steel	Ultraprime	Ultratrim Enamel High Gloss	Ultratrim Enamel High Gloss	
	Galvanized steel	Rustlock Metal Primer	Ultratrim Enamel High Gloss	Ultratrim Enamel High Gloss	
	Iron and steel	Ultraprime	Ultratrim Enamel High Gloss	Ultratrim Enamel High Gloss	

### HAYMES elastomeric texture coating

Rendertex Rendershield is an extremely weather-resistant, highly flexible 100% acrylic elastomeric membrane coating suitable for Interior and Exterior use. Rendershield is ideal for use as a protective coating on cement or cement-like surfaces and for surfaces coated using texture coatings. The flexible low sheen finish will bridge cracks in render, cement and plaster finishes and moves with the surface to prevent cracks from reappearing.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Cement render	Rendertex Renderprime	Rendertex Rendershield	Rendertex Rendershield	
	Brick and blockwork	Rendertex Renderprime	Rendertex Rendershield	Rendertex Rendershield	
	Off-Form Concrete (OFC)	Rendertex Renderprime	Rendertex Rendershield	Rendertex Rendershield	
	Precast concrete and Tilt-up concrete	Rendertex Renderprime	Rendertex Rendershield	Rendertex Rendershield	
	Compressed fibre cement sheeting	Rendertex Renderprime	Rendertex Rendershield	Rendertex Rendershield	

### HAYMES Ultra-Premium Wood exterior

HAYMES Exterior General Purpose Clear is a high gloss clear finish that incorporates advanced UV protection for enhanced, long-lasting performance. Drying to a tough, hard-wearing finish, it offers excellent protection for exterior timber surfaces. If staining is required prior to any topcoat of Simply Woodcare Exterior General Purpose Clear, we recommend Simply Woodcare Exterior Decking Oil Stain.

HAYMES Simply Woodcare Dexpress is an exterior deck and timber stain with has a cutting edge formula that last 3 to 4 times longer than traditional decking oils, is UV and mould resistant, quick drying and simple to use with a great range of colours.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Previously stained, oiled Timber	Decking Oil	Decking Oil	Exterior Decking Oil	
	Timber	Dexpress	Dexpress	Dexpress	

### HAYMES paving paint waterborne slip resistant

Haymes QuickPave is a high quality paving paint with superior long lasting exterior durability. QuickPave is resistant to oil and hot tyres and dries to a semi-gloss finish.

Haymes Quick Pave Non Slip Additive has been formulated for use with Haymes Quick Pave Paving Paint. When used with these paints, Haymes Quick Pave Non Slip Additive reduces the tendency for paving to be slippery when wet.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Stain colour
	Concrete	Quickpave	Quickpave	Quickpave	
	Asphalt/bitumen	Quickpave	Quickpave	Quickpave	
	Timber	Quickpave	Quickpave	Quickpave	

#### 4.4 ANTI-GRAFFITI

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 [specifiers.haymespaint.com.au/paintspec](http://specifiers.haymespaint.com.au/paintspec)

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

##### HAYMES Ultimate Single Pack Anti-Graffiti Clear

Haymes Ultimate Single Pack Anti-Graffiti clear is primarily used on exterior applications as a sacrificial coating to guard against graffiti damage. Perfect for concrete substrates, this external water-based clear is fantastic for painting over sound previously painted surfaces to give a refreshed look and provide better durability. It is easy to use, has good UV resistance, and allows for easy removal of graffiti, whilst having tremendous versatility.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Previously Painted Water Based Acrylic Finishes	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin		
	Brickwork Blockwork	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin		
	Cement Render	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin		
	Off-Form Concrete (OFC)	Rendertex Tilt Panel Prep	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin	
	Fibre Cement Sheet (FCS)	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin		
	Tilt-Up and Pre-Cast Concrete	Rendertex Tilt Panel Prep	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin	
	Previously Painted Water Based Acrylic	Haymes Ultimate Single Pack Anti-	Haymes Ultimate Single Pack Anti-		

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Finishes	Graffiti Clear Gloss	Graffiti Clear Gloss		
	Brickwork Blockwork	Haymes Ultimate Single Pack Anti-Graffiti Clear Gloss	Haymes Ultimate Single Pack Anti-Graffiti Clear Gloss		
	Cement Render	Haymes Ultimate Single Pack Anti-Graffiti Clear Gloss	Haymes Ultimate Single Pack Anti-Graffiti Clear Gloss		
	Off-Form Concrete (OFC)	Rendertex Tilt Panel Prep	Haymes Ultimate Single Pack Anti-Graffiti Clear Gloss	Haymes Ultimate Single Pack Anti-Graffiti Clear Gloss	
	Fibre Cement Sheet (FCS)	Haymes Ultimate Single Pack Anti-Graffiti Clear Gloss	Haymes Ultimate Single Pack Anti-Graffiti Clear Gloss		
	Tilt-Up and Pre-Cast Concrete	Rendertex Tilt Panel Prep	Haymes Ultimate Single Pack Anti-Graffiti Clear Gloss	Haymes Ultimate Single Pack Anti-Graffiti Clear Gloss	

### HAYMES Ultimate Two Pack Anti-Graffiti Clear

Haymes Ultimate Two Pack Anti-Graffiti Coating is a unique, environmentally aware two pack water-based fluoropolymer acrylic polyurethane that has excellent graffiti and chemical resistance. It has good application properties with superior UV resistance and colour retention. It may be applied over an epoxy basecoat to provide a durable weather resistant system and is designed to be used in conjunction with an anti-graffiti remover.

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
	Previously Painted Water Based Acrylic Finishes	Haymes Ultimate Two Pack Anti-Graffiti Clear Satin	Haymes Ultimate Two Pack Anti-Graffiti Clear Satin		
	Brickwork Blockwork	Haymes Ultimate Two Pack Epoxy Clear Gloss	Haymes Ultimate Two Pack Anti-Graffiti Clear Satin	Haymes Ultimate Two Pack Anti-Graffiti Clear Satin	
	Cement Render	Haymes Ultimate Two Pack Epoxy Clear Gloss	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin	Haymes Ultimate Two Pack Anti-Graffiti Clear Satin	
	Off-Form Concrete (OFC)	Haymes Ultimate Two Pack Epoxy Clear Gloss	Haymes Ultimate Two Pack Anti-Graffiti Clear	Haymes Ultimate Two Pack Anti-Graffiti Clear	

Paint code	Substrate	1 <sup>st</sup> coat	2 <sup>nd</sup> coat	3 <sup>rd</sup> coat	Colour reference
			Satin	Satin	
	Fibre Cement Sheet (FCS)	Haymes Ultimate Two Pack Epoxy Clear Gloss	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin	Haymes Ultimate Two Pack Anti-Graffiti Clear Satin	
	Tilt-Up and Pre-Cast Concrete	Haymes Ultimate Two Pack Epoxy Clear Gloss	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin	Haymes Ultimate Single Pack Anti-Graffiti Clear Satin	
	Previously Painted Water Based Acrylic Finishes	Haymes Ultimate Two Pack Anti-Graffiti Clear Gloss	Haymes Ultimate Two Pack Anti-Graffiti Clear Gloss		
	Brickwork Blockwork	Haymes Ultimate Two Pack Epoxy Clear Gloss	Haymes Ultimate Two Pack Anti-Graffiti Clear Gloss	Haymes Ultimate Two Pack Anti-Graffiti Clear Gloss	
	Cement Render	Haymes Ultimate Two Pack Epoxy Clear Gloss	Haymes Ultimate Single Pack Anti-Graffiti Clear Gloss	Haymes Ultimate Two Pack Anti-Graffiti Clear Gloss	
	Off-Form Concrete (OFC)	Haymes Ultimate Two Pack Epoxy Clear Gloss	Haymes Ultimate Two Pack Anti-Graffiti Clear Gloss	Haymes Ultimate Two Pack Anti-Graffiti Clear Gloss	
	Fibre Cement Sheet (FCS)	Haymes Ultimate Two Pack Epoxy Clear Gloss	Haymes Ultimate Single Pack Anti-Graffiti Clear Gloss	Haymes Ultimate Two Pack Anti-Graffiti Clear Gloss	
	Tilt-Up and Pre-Cast Concrete	Haymes Ultimate Two Pack Epoxy Clear Gloss	Haymes Ultimate Single Pack Anti-Graffiti Clear Gloss	Haymes Ultimate Single Pack Anti-Graffiti Clear 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 3730.5	2006	Solvent-borne - Interior - Semi-gloss
AS 3730.6	2006	Solvent-borne - Interior/exterior - Full gloss enamel
AS 3730.7	2006	Latex - Exterior - Flat

AS 3730.8	2006	Latex - Exterior - Low gloss
AS 3730.9	2006	Latex - Exterior - Semi-gloss
AS 3730.10	2006	Latex - Exterior - Gloss
AS 3730.13	2006	Primer - Wood - Solvent-borne - Interior/exterior
AS 3730.14	2006	Undercoat - Solvent-borne - Interior/exterior
AS 3730.18	2006	Undercoat/sealer - Latex - Interior/exterior
AS/NZS 3750		Paints for steel structures
AS/NZS 3750.9	2009	Organic zinc-rich primer
AS/NZS 4114		Spray painting booths, designated spray painting areas and paint mixing rooms
AS/NZS 4114.1	2003	Design, construction and testing
AS/NZS 4114.2	2003	Installation and maintenance
AS/NZS 4680	2006	Hot-dip galvanized (zinc) coatings on fabricated ferrous articles
SUSMP	2019	Poisons Standard (SUSMP)
<b>The following documents are mentioned only in the <i>Guidance</i> text:</b>		
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 4361		Guide to lead paint management
AS/NZS 4361.2	2017	Lead paint in residential, public and commercial buildings
NATSPEC GEN 006	2007	Product specifying and substitution
NATSPEC TR 01	2019	Specifying ESD