

0671P TAUBMANS PAINTING

Branded worksection

This branded worksection *Template* has been developed by NATSPEC in conjunction with **TAUBMANS**, a division of **PPG Architectural coatings** and may be used whilst the Product Partner is licensed to distribute it. The copyright remains with NATSPEC. As with all NATSPEC worksections, it is the responsibility of the user to make sure it is completed appropriately for the project. The user should also review its applicability for local conditions and regulations. Check www.natspec.com.au for the latest updated version.

Worksection abstract

This branded worksection *Template* is applicable to the in situ application of TAUBMANS coating films to buildings and interior 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 for high quality indoor woodwork.

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

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 NATSPEC Toolbar or the hidden text *Hide* and *Delete* functions of your word processing system. For additional information visit FAQs at 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*.
- *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, the Australian Institute of Architects' practice advisory subscription service, for notes on the following:

- Painting of buildings.

Search www.environmentdesignguide.com.au, the Australian Institute of Architect's environmental advisory subscription service for notes on the following:

- Renewable resources.

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

Taubmans is one of the oldest paint brands in the market. Taubmans has been painting Australian homes for over 110 years. Back in the early 1900s, George Taubman built the company on a foundation of technical superiority. Since its inception, Taubmans has grown to become a major player in the Australian Architectural Coatings Market. It is also responsible for launching well known and innovative consumer paint brands such as Endure with Nanoguard, Living Proof Silk with Teflon, Easycoat with Microban and All Weather with Dirt Shedding Technology.

PPG Industries is a leader in its markets and is a streamlined, efficient manufacturer operating on the leading edge of new technologies and solutions. PPG's vision is to continue being the world's leading coatings and specialty products and services company, serving customers in construction, consumer products, industrial and transportation markets and aftermarkets. PPG has manufacturing facilities and equity affiliates in more than 60 countries around the globe.

PPG Industries Australia is a market leader in all sectors of the Australian coatings industry. With the acquisition of the Taubmans, Bristol and White Knight businesses in 2007, it is the largest paint company in Australia. PPG saw the additional purchase of the Ameron coatings division as an opportunity for growth in a new coatings market and allowed the establishment of manufacturing premises in Sydney, Melbourne and Adelaide. PPG's plant in Clayton is the largest industrial paint manufacturing plant in Australia and is equipped with modern research and development, quality control and colour laboratories. PPG and Taubmans are committed to continual growth by satisfying consumer needs through innovation.

1.1 RESPONSIBILITIES

General

Requirement: Provide TAUBMANS coating systems to new or previously painted 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

Taubmans technical contacts

Website: www.taubmans.com.au/Professional/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 environment.

1.5 MANUFACTURER'S DOCUMENTS

Technical manuals

Taubmans' technical tools and resources: www.taubmans.com.au/Professional

Taubmans provides a range of tools and resources, designed to assist professionals across a range of industries to choose the correct paint products and colours.

Specif-i allows architects and specifiers to readily find accurate and up-to-the-minute system specifications, product data sheets, safety data sheets and other information.

1.6 INTERPRETATION

Definitions

General: For the purposes of this worksection the definitions 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:

- 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

Example of **Coated samples schedule** entry:

- Substrate: Plasterboard.
- Paint system: P1 (or Taubmans Endure Interior Matt).
- Colour: Hedge Green T104-7.
- Sample size: A4.

Colour swatches and brush-outs can be ordered online via Taubmans **Real Colour** service at Real Colour. Specifiers need to register for this free service.

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

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.

Substrate acceptance

Applicator: Submit the applicator's certification of the acceptability of the paint finish substrate.

Timing: Before commencing installation.

Wet samples

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

Wet samples schedule

Paint type	Colour

Example of **Wet samples schedule** entry:

- Paint type: Taubmans Endure Interior Matt.
- Colour: Hedge Green T104-7.

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

Warranties

Requirement: 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.

Material warranty: Submit the manufacturer's material warranty as follows:

- Extent: Paintwork generally.
- Terms: Paint systems are suitable for their intended use.
- Warranty period: As defined by the manufacturer.

1.8 INSPECTION**Notice**

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

- Painting 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 PRODUCTS

2.1 GENERAL

Product substitution

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

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

Storage and handling

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

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

Product identification

General: Marked to show the following:

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

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

2.2 PAINTING MATERIALS

Combinations

General: Taubmans paint products and coating systems have been selected and specified for this project. Any unauthorised product substitution will void the warranties. 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 top coats.

Putty and fillers

Material: To the recommendations of Taubmans, 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 - Schedule 1 (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.

Standards

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

Taubmans paint type reference table

Retain the **Taubmans paint type reference table** in the tender documents *Open* text in order to show the conforming Taubmans product name and its Product Data Sheet (PDS) number. The PDS number can be used to find product information at www.specif-i.com.au/Datasheets/ by entering it in the Code field.

Generic paint type	Taubmans product	Taubmans Product Data Sheet No.	AS/NZS 2311 Paint Ref. No. (Table 4.2)	Australian Standard
Semi-gloss solvent-borne: interior	Taubmans Ultra Enamel Satin	D610	B3	AS 3730.5
Full gloss solvent-borne: exterior	Taubmans Ultra Enamel High Gloss	D620	B5a	AS 3730.6
Full gloss solvent-borne: interior	Taubmans Ultra Enamel High Gloss	D620	B5b	AS 3730.6
Semi-gloss waterborne: interior / exterior trim	Taubmans Ultimate Alkyd Enamel Semi-Gloss (Low VOC)	D1101	B41	AS 3730.2
Full gloss solvent-borne: interior / exterior trim	Taubmans Ultimate Alkyd Enamel Gloss	D1100	B41	AS 3730.2
Flat latex: exterior	Taubmans Endure Exterior Matt	D180	B6a	AS 3730.7
Flat latex: exterior	Taubmans All Weather Matt	D335	B6a	AS 3730.7
Flat latex: interior	Taubmans Endure Interior Matt	D171	B6b	AS 3730.1
Flat latex: interior ceilings	Taubmans Endure One coat Interior Ceiling Paint	D170	B6c	AS 3730.1
Flat latex: interior ceilings	Taubmans Pure Performance Ceiling White with Microban®	D483	B6a	AS 3730.1
Flat latex: interior ceilings	Taubmans Easy Coat Pro Ceiling White with Bacterial Shield Technology	D1003	B6a	AS 3730.1
Low gloss latex: exterior	Taubmans All Weather Low Sheen	D334	B7a	AS 3730.8
Low gloss latex: interior	Taubmans Endure Interior Low Sheen	D172	B7b	AS 3730.3
Low gloss latex:	Taubmans Endure Kitchen &	D176	B7b	AS 3730.3

Generic paint type	Taubmans product	Taubmans Product Data Sheet No.	AS/NZS 2311 Paint Ref. No. (Table 4.2)	Australian Standard
interior	Bathroom			
Low gloss latex: interior	Taubmans Pure Performance Low Sheen with Microban®	D481	B7a	AS 3730.3
Low gloss latex: interior	Taubmans Easy Coat Pro Low Sheen with Bacterial Shield Technology	D1000	B7a	AS 3730.3
Semi-gloss latex: exterior	Taubmans Endure Exterior Low Sheen	D181	B8a	AS 3730.9
Semi-gloss latex: exterior	Taubmans Endure Exterior Semi Gloss	D183	B8b	AS 3730.9
Semi-gloss latex: exterior	Taubmans All Weather Semi Gloss	D336	B8b	AS 3730.9
Semi-gloss latex: interior	Taubmans Endure Interior Semi Gloss	D173	B8b	AS 3730.2
Semi-gloss latex: interior	Taubmans Endure Doors & Trim Semi Gloss	D174	B8b	AS 3730.2
Semi-gloss latex: interior	Taubmans Pure Performance Semi Gloss with Microban®	D482	B41	AS 3730.2
Semi-gloss waterborne: interior trim	Pure Performance Trim Semi Gloss with Microban®	D484	B41	AS 3730.2
Semi-gloss latex: interior	Taubmans Easycoat Pro Semi-Gloss with Bacterial Shield Technology	D1001 1303	B8b	AS 3730.2
Gloss latex: exterior	Taubmans Endure Exterior Gloss	D182	B9a	AS 3730.10
Gloss latex: exterior	Taubmans All Weather Gloss	D331	B9a	AS 3730.10
Gloss latex: interior	Taubmans Endure Doors & Trim Gloss	D175	B9b	AS 3730.12
Full gloss waterborne: interior trim	Pure Performance Trim Gloss with Microban®	D485	B42	AS 3730.1
Wood primer, solvent-borne	Taubmans PrepRight Wood Primer	D861	B10	AS 3730.13
Wood primer, latex	Taubmans 3 in 1 Primer Sealer Undercoat	D826	B10A	AS 3730.17
Metal primer for steel, lead and chromate free	Taubmans PrepRight Iron and Steel Primer	D865	B11	AS 3730.21
Metal primer, latex	White Knight True Bite	WK07	B11A	AS 3730.15
Metal primer for zinc-coated surfaces, solvent-borne	Taubmans PrepRight Galvanised Iron Primer	D848	B12	AS 3730.21
Metal primer for metallic-coated surfaces, latex			B12A	AS 3730.15
Two-pack etch primer for metals,			B13	

Generic paint type	Taubmans product	Taubmans Product Data Sheet No.	AS/NZS 2311 Paint Ref. No. (Table 4.2)	Australian Standard
chromate free				
Zinc-rich organic binder/primer for steel			B14	
Concrete and masonry sealer	Armawall Sealer Bonder Armawall PrimerTrade Edge Block Filler	D0240 D0225D923	B15	AS 3730.22
Clear low viscosity paint for concrete	White Knight Clear Sealer	WK12	B15a	NE
Concrete and masonry, latex wallboard sealer/sealer undercoat	Taubmans 3 in 1 Primer Sealer Undercoat	D826	B16	AS 3730.18
Low VOC wallboard primer sealer undercoat	Taubmans Pure Performance Prep coat with Microban®	D486	B16	AS 3730.18
Undercoat, solvent-borne	PrepRight Oil Based Undercoat	D862	B17	AS 3730.14
Undercoat, latex: exterior	Taubmans 3 in 1 Primer Sealer Undercoat	D826	B17A	AS 3730.18
Undercoat, latex: interior	Taubmans Pure Performance Prep coat with Microban®	D486	B17A	AS 3730.18
Interior clear varnish, solvent-based, one-pack	Taubmans Clear proof Interior Polyurethane (Gloss)	D543	B19	AS 3730.25 or AS 3730.27 (for floors)
Two-pack clear gloss floor finish			B20	AS 3730.27
Exterior latex stain, opaque			B22	AS 3730.16
Exterior stain, lightly pigmented			B23	AS 3730.28
Paving paint for concrete, solvent	White Knight Paving paint		B24	AS 3730.29
Paving paint for concrete, latex	White Knight Ultra Pave		B24A	NE
Roofing paint, latex	Taubmans All Weather Low Sheen	D334	B25	
Epoxy paint, two-pack, solvent-borne, interior only	Ameron Amerlock 2K 2 Pack Epoxy (high build & surface tolerant)	0002	B29	AS 3730.10
High Build Recoatable two-pack, solvent-borne gloss	Ameron Amershield	1	B29C	NE

Generic paint type	Taubmans product	Taubmans Product Data Sheet No.	AS/NZS 2311 Paint Ref. No. (Table 4.2)	Australian Standard
polyurethane				
Stain sealer, solvent-borne for water soluble stains	Taubmans PrepRight Stain Stopper	D868	B30	NE
Chalk sealer, surface conditioner	Taubmans PrepRight Surface Binder	D864	B31	NE
Anti-mould(treatment or wash)	Flood VC – 175 Flood Powerlift		B32	NE
High build membrane or texture coatings for masonry and concrete: interior	Taubmans Armawall Range(www.taubmans.com.au/texture)		B38a	AS/NZS 4548.1, AS/NZS 4548.2 AS/NZS 4548.3 AS/NZS 4548.4
High build membrane or texture coatings for masonry and concrete: exterior	Taubmans Armawall Range(www.taubmans.com.au/texture)		B38b	
Semi-gloss latex,Interior trim(alt B8b)	Ultimate Alkyd Enamel Semi Gloss(low VOC)	D1101	B41	NE
Gloss or full gloss latex,Interior trim	Ultimate Alkyd Enamel High Gloss(low VOC)	D1100	B42	NE

In all cases, consult Taubmans for the constituents, uses and application (including preparation) of a particular product.

Low VOC compliance reference table

Low VOC emitting paints: As defined by the Green Building Council of Australia (GBCA) specifications.

Delete this table if a Green Star rating is not being sought for the project.

The GBCA parameters are only applicable to interior products or products used on interior surfaces.

For example, to earn credit points for the Green Star schemes nominate paints with total VOC content limits within those listed in the *Green Star Submission Guidelines*.

Refer to table below or to individual product datasheets at www.specif-i.com.au/Datasheets/default.aspx.

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

Green Star Submission Guidelines product type	VOC limits max. g/litre	TAUBMANS Products compared to the GBCA specification	VOC g/litre untinted
COMPLIANCE CRITERIA – GBCA specifications (obtain latest figures).			
Walls and ceilings – interior semi-gloss	16	Taubmans Pure Performance Interior Semi Gloss with Microban® (D482)	< 5
Walls and ceilings – interior low sheen	16	Taubmans Pure Performance Interior	< 5

Green Star Submission Guidelines product type	VOC limits max. g/litre	TAUBMANS Products compared to the GBCA specification	VOC g/litre untinted
		Low Sheen with Microban® (D481)	
Walls and ceilings – interior flat-washable	16	Taubmans Pure Performance Interior Matt with Microban® (D480)	< 5
Ceilings – interior flat	14	Taubmans Pure Performance Ceiling White with Microban® (D483)	< 5
Trim – gloss	75	Ultimate Alkyd Enamel High Gloss (D1100) Taubmans Pure Performance Trim Gloss with Microban® (D485)	< 75
Trim – semi-gloss	75	Ultimate Alkyd Enamel Semi Gloss (D1100) Taubmans Pure Performance Trim Semi Gloss with Microban® (D484)	< 75
Latex primer for galvanized iron and zincalume	60	Taubmans 3 in 1 Primer, Sealer, Undercoat (D826)	56
Interior latex undercoat	65	Taubmans Pure Performance Prep coat with Microban (D486)	< 5
Interior Sealer	65	Taubmans Pure Performance Prep coat with Microban (D486)	< 5

2.3 PATCHING AND FILLING PRODUCTS

Delete products not required and refer to **SELECTIONS** for *Guidance* on the most appropriate product for a given application.

Armawall Smooth Patch/Armawall Coarse Patch

Description: A premium acrylic based premixed filling and patching compound for application by trowel. Sandable so that a very smooth surface can be obtained. Armawall Patch has excellent water resistance without the addition of cement.

DataSheets: D1223(A) (Smooth Patch) and D1223(B) (Coarse Patch).

Applications: Filling and patching of small depressions and fine cracks in exterior surfaces to produce a consistent smooth surface ready for coating. Armawall Patch can be feathered and sanded to a very smooth surface. Do not add cement.

2.4 PREPARATION PRODUCTS

The Taubmans preparation products listed below are those not already included in the **Painting schedules** and represent specialised products used to remediate substrates before the application of standard paint systems. Product data sheets for the complete range of preparation products can be found at www.specif-i.com.au/Datasheets/. Use product data sheets to check compatibility with finishing coats.

Taubmans PrepRight Acrylic Plaster Sealer

Description: A water-based sealer with high alkali resistance and high penetrating capability.

Colour: White only.

DataSheet: D851.

Application: For set plaster that has aged for at least 8 weeks. A low odour water based alternative to Taubmans (oil based) PrepRight Plaster Sealer. Can be overcoated with oil and water based systems on interior surfaces.

Taubmans PrepRight Surface Binder

Description: An oil based sealer which penetrates, binds and seals chalking and underbound paints to ensure a solid foundation and good adhesion for succeeding coats of paint.

Colour: White only.

DataSheet: D864.

Application: For old chalking and powdery paint work including plastic and enamel paints, kalsomine residue and corroded fibro sheeting. Can be overcoated with water-based and oil based topcoats on interior and exterior surfaces. If necessary, and to assist penetration, Prep Right Sealer Binder may be thinned with up to 25% mineral turps. Thinning is especially important when PrepRight Sealer Binder is used as a foundation coating over corroded fibro sheeting and heavily weathered external cement render.

Taubmans PrepRight Stain Stopper

Description: A high opacity oil based primer sealer for suppressing and sealing common stains.

Colour: White only.

DataSheet: D868.

Application: Gives excellent suppression and sealing of stains including smoke and water stains, lipstick, crayon, graffiti, grease and tannin stains. Can be overcoated with oil and water based topcoats on interior and exterior surfaces. Do not use as a primer for exterior timber.

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.

Wet paint warning

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

Substrate preparation – generally

General: Prepare substrates to receive the painting systems in accordance with Taubmans' recommendations.

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

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

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

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

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

- Removal of bruises.
- Removal of discolourations, including staining by oil, grease and nailheads.

- Bleaching where necessary to match the timber colour sample.
- Puttying.
- Fine sanding, with the last abrasive no coarser than 220 grit, so that there are no scratches across the grain.

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

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

Unpainted surfaces

Standard: To AS/NZS 2311 Section 3.

Previously painted surfaces

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

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

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

Condition of substrate: [complete/delete]

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

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

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

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

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

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

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

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.

Preprimed timber

Identification: Make sure the timber coatings are primers and not a transport coatings. Remove transport coatings by sanding before painting.

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.

Information on the preparation of particular substrates is provided in the product data sheets for each product at www.specifi.com.au/Datasheets/.

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

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

Light levels

General: ≥ 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°C or > 35°C.

Priming 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.

3.3 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.

4 SELECTIONS

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

4.1 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 SCHEDULES** 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 this subclause and the **Low VOC compliance reference table** if not required.

General: As documented in **INTERIOR PAINTING SCHEDULE, Low VOC – Interior schedule** and **EXTERIOR PAINTING SCHEDULE, Low VOC – Exterior schedule**.

The VOC emission levels of the paints included in the **Low VOC – Interior** and **Low VOC – Exterior** schedules, and their relationship to the limits prescribed by the Green Building Council of Australia (GBCA) to earn credit points for Green Star rating tools, are listed in the **Low VOC compliance reference table**.

New unpainted interior surfaces

Standard: To AS/NZS 2311 Table 5.1.

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

Walls and ceilings:

- Gypsum plasterboard.
- Set plaster, plaster glass, 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, parquet and particleboard.

Miscellaneous substrates:

- Unplasticised polyvinyl chlorides (PVC-U).
- Fibre-reinforced plastics (FRP).
- Polystyrene.
- Iron and steel.
- Aluminium and copper.
- Galvanized steel, zinc and aluminium alloys.

New unpainted exterior surfaces

Standard: To AS/NZS 2311 Table 5.2.

AS/NZS 2311 Table 5.2 sets out conventional paint systems for 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.
- Timber with a paint finish.
- Timber with a stain finish.

Other substrates:

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

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 Taubmans.

Specialised painting systems

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

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

4.2 PAINTING SCHEDULES

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.

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.

4.3 INTERIOR PAINTING SCHEDULES

The **Painting schedules** describe the paint system with reference to the substrate but do 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 including aluminium, cement render, concrete blockwork, concrete tilt form, fibre cement, MDF, preprimed doors, preprimed MDF and pine, and preprimed steel are available at www.specif-i.com.au/Specifications/

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

Ultra Premium – Interior

Taubmans Endure is engineered with Nanoguard, which has an interlocking molecular structure that creates a protective shield so everyday dirt and stains can be wiped away without compromising the quality of the paint. It provides excellent mould and mildew protection resulting in a cleaner and healthier home environment. It is one of the most advanced paint technologies available today. Taubmans Endure Interior with Nanoguard has been formulated to provide superior stain and scrub resistance.

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' DataSheet
Plasterboard (ceilings)	Taubmans Ultraprep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Endure Ceiling Paint (D170)	Taubmans Endure Ceiling Paint (D170)	N/A	S307
Plasterboard (with glancing light issues)	Taubmans Ultraprep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Endure Interior Matt (D171)	Taubmans Endure Interior Matt (D171)	N/A	S306
Plasterboard	Taubmans Ultraprep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Endure Interior Low Sheen (D172)	Taubmans Endure Interior Low Sheen (D172)	N/A	S304
Plasterboard	Taubmans Ultraprep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Endure Interior Semi Gloss (D173)	Taubmans Endure Interior Semi Gloss (D173)	N/A	S305
Plasterboard	Taubmans Ultraprep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Endure Kitchen and Bathroom (D176)	Taubmans Endure Kitchen and Bathroom (D176)	N/A	S339
Set Plaster - fresh	Taubmans PrepRight Plaster Treatment (D845)	Taubmans Ultraprep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Living Proof Silk Matt (D104)	Taubmans Living Proof Silk Matt (D104)	S868
Set Plaster - fresh	Taubmans PrepRight Plaster Treatment (D845)	Taubmans Ultraprep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Living Proof Silk Low Sheen (D101)	Taubmans Living Proof Silk Low Sheen (D101)	S877
Set Plaster - fresh	Taubmans PrepRight Plaster Treatment (D845)	Taubmans Ultraprep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Living Proof Silk Semi Gloss (D102)	Taubmans Living Proof Silk Semi Gloss (D102)	S886
Set Plaster - fresh	Taubmans PrepRight Plaster Treatment (D845)	Taubmans Ultraprep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Living Proof Silk Gloss (D103)	Taubmans Living Proof Silk Gloss (D103)	S895
Set Plaster - aged	Taubmans PrepRight Plaster Sealer (thinned 20%) (D863)	Taubmans Living Proof Silk Matt (D104)	Taubmans Living Proof Silk Matt (D104)	N/A	S869
Set Plaster - aged	Taubmans PrepRight Plaster Sealer (thinned 20%) (D863)	Taubmans Living Proof Silk Low Sheen (D101)	Taubmans Living Proof Silk Low Sheen (D101)	N/A	S878

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' DataSheet
Set Plaster - aged	Taubmans PrepRight Plaster Sealer (thinned 20%) (D863)	Taubmans Living Proof Silk Semi Gloss (D102)	Taubmans Living Proof Silk Semi Gloss (D102)	N/A	S887
Set Plaster - aged	Taubmans PrepRight Plaster Sealer (thinned 20%) (D863)	Taubmans Living Proof Silk Gloss (D103)	Taubmans Living Proof Silk Gloss (D103)	N/A	S896
Timber and veneers	Taubmans 3 in 1 Primer Sealer Undercoat (D826)	Taubmans Endure Doors and Trim Semi Gloss (D174)	Taubmans Endure Doors and Trim Semi Gloss (D174)	N/A	S341
Timber and veneers	Taubmans 3 in 1 Primer Sealer Undercoat (D826)	Taubmans Endure Doors and Trim Gloss (D175)	Taubmans Endure Doors and Trim Gloss (D175)	N/A	S340
Timber and veneers	Taubmans Tradex Tradecoat Undercoat (D883)	Taubmans Ultra Enamel Satin (D610)	Taubmans Ultra Enamel Satin (D610)	N/A	S919
Timber and veneers	Taubmans Tradex Tradecoat Undercoat (D883)	Taubmans Ultra Enamel High Gloss (D620)	Taubmans Ultra Enamel High Gloss (D620)	N/A	S909
Timber and veneers	Taubmans Prep Right Quick Dry Undercoat (D884)	Taubmans Ultra Enamel Satin (D610)	Taubmans Ultra Enamel Satin (D610)	N/A	S918
Timber and veneers	Taubmans Prep Right Quick Dry Undercoat (D884)	Taubmans Ultra Enamel High Gloss (D620)	Taubmans Ultra Enamel High Gloss (D620)	N/A	S908
Galvanized steel	Taubmans 3 in 1 Primer Sealer Undercoat (D826)	Taubmans Ultra Enamel Satin (D610)	Taubmans Ultra Enamel Satin (D610)	N/A	S923
Galvanized steel	Taubmans 3 in 1 Primer Sealer Undercoat (D826)	Taubmans Ultra Enamel High Gloss (D620)	Taubmans Ultra Enamel High Gloss (D620)	N/A	S913

Premium – Interior

Taubmans Easy Coat is a quality, durable interior water based wall paint. It includes Microban® which provides antimicrobial protection against the growth of mould, mildew and fungus on painted surfaces. These growths can develop into familiar black discolorations. Microban® in Taubmans Easy Coat has been developed to be effective throughout the life of the paint.

Easy Coat is especially useful for use in damp areas of buildings and in rooms that suffer from high humidity. Better air quality also results from the Microban® preventing mould and mildew spores from growing. Taubmans Easy Coat has been accepted into the National Asthma Council Australia's Sensitive Choice Program.

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' Data Sheet
-----------	----------	----------	----------	----------	----------------------

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' Data Sheet
Plasterboard (ceilings)	Taubmans Ultraprep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Easycoat Pro Ceiling Paint with Bacterial Shield Technology (D1003)	Taubmans Easycoat Pro Ceiling Paint with Bacterial Shield Technology (D1003)	N/A	S1104
Plasterboard (with glancing light issues)	Taubmans Ultraprep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Easycoat Pro Matt Acrylic with Bacterial Shield Technology (D1002)	Taubmans Easycoat Pro Matt Acrylic with Bacterial Shield Technology (D1003)	N/A	S1102
Plasterboard	Taubmans Ultraprep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Easycoat Pro Low Sheen Acrylic with Bacterial Shield Technology (D1000)	Taubmans Easycoat Pro Low Sheen Acrylic Bacterial Shield Technology (D1000)	N/A	S1102
Plasterboard	Taubmans Ultraprep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Easycoat Pro Semi Gloss Acrylic with Bacterial Shield Technology (D1001)	Taubmans Easycoat Pro Semi Gloss Acrylic with Bacterial Shield Technology (D1001)	N/A	S1103
Set Plaster - fresh	Taubmans PrepRight Plaster Treatment (D845)	Taubmans Ultra Prep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Easycoat Pro Matt Acrylic with Bacterial Shield Technology (D1002)	Taubmans Easycoat Pro Matt Acrylic with Bacterial Shield Technology (D1002)	S1108
Set Plaster - fresh	Taubmans PrepRight Plaster Treatment (D845)	Taubmans Ultra Prep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Easycoat Pro Low Sheen Acrylic with Bacterial Shield Technology (D1000)	Taubmans Easycoat Pro Low Sheen Acrylic with Bacterial Shield Technology (D1000)	S1109
Set Plaster - fresh	Taubmans PrepRight Plaster Treatment (D845)	Taubmans Ultra Prep Pro Undercoat & Wallboard Sealer (D915)	Taubmans Easycoat Pro Semi Gloss Acrylic with Bacterial Shield Technology (D1001)	Taubmans Easycoat Pro Semi Gloss Acrylic with Bacterial Shield Technology (D1001)	S1110
Set Plaster - aged	Taubmans PrepRight Plaster Sealer (thinned 20%) (D863)	Taubmans Easycoat Pro Matt Acrylic with Bacterial Shield Technology (D1002)	Taubmans Easycoat Pro Matt Acrylic with Bacterial Shield Technology (D1002)	N/A	S013
Set Plaster -	Taubmans	Taubmans	Taubmans	N/A	S022

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' Data Sheet
aged	PrepRight Plaster Sealer (thinned 20%) (D863)	Easycoat Pro Low Sheen Acrylic with Bacterial Shield Technology (D1000)	Easycoat Pro Low Sheen Acrylic with Bacterial Shield Technology (D1000)		
Set Plaster - aged	Taubmans PrepRight Plaster Sealer (thinned 20%) (D863)	Taubmans Easycoat Pro Semi Gloss Acrylic with Bacterial Shield Technology (D1001)	Taubmans Easycoat Pro Semi Gloss Acrylic with Bacterial Shield Technology (D1001)	N/A	S031
Galvanized steel	Taubmans 3 in 1 Primer Sealer Undercoat (D826)	Taubmans Ultra Enamel Satin (D610)	Taubmans Ultra Enamel Satin (D610)	N/A	S923
Galvanized steel	Taubmans 3 in 1 Primer Sealer Undercoat (D826)	Taubmans Ultra Enamel High Gloss (D620)	Taubmans Ultra Enamel High Gloss (D620)	N/A	S913

Low VOC – Interior

Taubmans Pure Performance is a 100% acrylic, low VOC, high performance range for interior surfaces offering maximum indoor air quality. Its unique formula was developed in consultation with professional painters. Pure Performance also contains Microban®, which inhibits the growth of harmful bacteria, mould mildew and fungus. Pure Performance is Green Building Council of Australia approved and has also been accepted into the National Asthma Councils' Sensitive Choice Program.

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' Data Sheet
Plasterboard (ceilings)	Taubmans Pure Performance Prep coat with Microban® (D486)	Taubmans Pure Performance Ceiling Paint with Microban® (D483)	Taubmans Pure Performance Ceiling Paint with Microban® (D483)	N/A	S707
Plasterboard (ceilings)	Taubmans Pure Performance Ceiling Paint with Microban® (D483)	Taubmans Pure Performance Ceiling Paint with Microban® (D483)	N/A	N/A	S708
Plasterboard	Taubmans Pure Performance Prep coat with Microban® (D486)	Taubmans Pure Performance Interior Matt with Microban® (D480)	Taubmans Pure Performance Interior Matt with Microban® (D480)	N/A	S705
Plasterboard	Taubmans Pure Performance Prep coat with Microban® (D486)	Taubmans Pure Performance Interior Low Sheen with Microban® (D481)	Taubmans Pure Performance Interior Low Sheen with Microban® (D481)	N/A	S704
Plasterboard	Taubmans Pure	Taubmans Pure	Taubmans Pure	N/A	S706

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' Data Sheet
	Performance Prep coat with Microban® (D486)	Performance Interior Semi Gloss with Microban® (D482)	Performance Interior Semi Gloss with Microban® (D482)		
Set Plaster - fresh	Taubmans PrepRight Plaster Treatment (D845)	Taubmans Pure Performance Prep coat with Microban® (D486)	Taubmans Pure Performance Interior Matt with Microban® (D480)	Taubmans Pure Performance Interior Matt with Microban® (D480)	S717
Set Plaster - fresh	Taubmans PrepRight Plaster Treatment (D845)	Taubmans Pure Performance Prep coat with Microban® (D486)	Taubmans Pure Performance Interior Low Sheen with Microban® (D481)	Taubmans Pure Performance Interior Low Sheen with Microban® (D481)	S718
Set Plaster - fresh	Taubmans PrepRight Plaster Treatment (D845)	Taubmans Pure Performance Prep coat with Microban® (D486)	Taubmans Pure Performance Interior Semi Gloss with Microban® (D482)	Taubmans Pure Performance Interior Semi Gloss with Microban® (D482)	S719
Set Plaster - aged	Taubmans PrepRight Acrylic Plaster Sealer (thinned 20%) (D851)	Taubmans Pure Performance Interior Matt with Microban® (D480)	Taubmans Pure Performance Interior Matt with Microban® (D480)	N/A	S720
Set Plaster - aged	Taubmans PrepRight Acrylic Plaster Sealer (thinned 20%) (D851)	Taubmans Pure Performance Interior Low Sheen with Microban® (D481)	Taubmans Pure Performance Interior Low Sheen with Microban® (D481)	N/A	S721
Set Plaster - aged	Taubmans PrepRight Acrylic Plaster Sealer (thinned 20%) (D851)	Taubmans Pure Performance Interior Semi Gloss with Microban® (D482)	Taubmans Pure Performance Interior Semi Gloss with Microban® (D482)	N/A	S722
Timber and veneers	Taubmans Pure Performance Prep coat with Microban® (D486)	Taubmans Pure Performance Trim Semi Gloss with Microban® (D484)	Taubmans Pure Performance Trim Semi Gloss with Microban® (D484)	N/A	S733
Timber and veneers	Taubmans Pure Performance Prep coat with Microban® (D486)	Taubmans Pure Performance Trim Gloss with Microban® (D485)	Taubmans Pure Performance Trim Gloss with Microban® (D485)	N/A	S732

Substrate preparation: Make sure surface is clean, dry and free from all dirt, dust, grease, oil and any other surface contamination.

Concrete: Cured for 28 days, with alkalinity pH10 or below before painting. Remove all traces of form oils and other contaminants from the concrete by water blasting.

Smooth hard and glossy areas (steel towelled) or laitance: Acid etch with dilute muriatic acid to roughen the surface, then rinse with fresh water and allow to dry.

Bring the substrate to a standard suitable for the coating system by filling, patching or skimming with an appropriate compound.

4.4 EXTERIOR PAINTING SCHEDULES

The **Painting schedules** describe the paint system with reference to the substrate but do 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 including aluminium, compressed fibre cement, concrete tilt form, preprimed pine, lead, CCA treated pine, LOSP treated pine, preprimed steel and PVC-U are available at www.specif-i.com.au/Specifications/. Systems shown for Timber pre primed can also be used for bare timber without the application of a primer additional to that listed for the system.

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

Ultra Premium – Exterior

Dirt and pollution on exterior walls is one of the key causes of paint deterioration. Taubmans Endure Exterior is engineered with Nanoguard, an interlocking molecular structure that has been formulated for superior dirt shedding so that dirt is less likely to stick to surfaces and they are easier to clean. It is one of the most advanced paint technologies available today.

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' Data Sheet
Cement render	Taubmans Endure Exterior Matt (D180) or D181 or D182	Taubmans Endure Exterior Matt (D180) or D181 or D182	Optional	N/A	S311
Concrete blockwork	Taubmans Trade Edge Acrylic Block Filler (D923)	Taubmans Endure Exterior Matt (D180)	Taubmans Endure Exterior Matt (D180)	N/A	S310
Concrete blockwork	Taubmans Trade Edge Acrylic Block Filler (D923)	Taubmans Endure Exterior Low Sheen (D181)	Taubmans Endure Exterior Low Sheen (D181)	N/A	S308
Concrete blockwork	Armawall Primer (D0225)	Taubmans Endure Exterior Semi Gloss (D183)	Taubmans Endure Exterior Semi Gloss (D183)	N/A	
Concrete blockwork	Taubmans Trade Edge Acrylic Block Filler (D923)	Taubmans Endure Exterior Gloss (D182)	Taubmans Endure Exterior Gloss (D182)	N/A	S309
Concrete - off form	Armawall Primer (D0225)	Taubmans Endure Exterior Matt (D180)	Taubmans Endure Exterior Matt (D180)	N/A	S319
Concrete - off form	Armawall Primer (D0225)	Taubmans Endure Exterior Low Sheen (D181)	Taubmans Endure Exterior Low Sheen (D181)	N/A	S318
Concrete - off form	Armawall Primer (D0225)	Taubmans Endure Exterior Semi Gloss (D183)	Taubmans Endure Exterior Semi Gloss (D183)	N/A	
Concrete - off form	Armawall Primer (D0225)	Taubmans Endure Exterior Gloss (D182)	Taubmans Endure Exterior Gloss (D182)	N/A	S317
Fibre cement	Taubmans	Taubmans	Optional	N/A	S326

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' Data Sheet
	Endure Exterior Matt (D180)	Endure Exterior Matt (D180)			
Fibre cement	Taubmans Endure Exterior Low Sheen (D181)	Taubmans Endure Exterior Low Sheen (D181)	Optional	N/A	S324
Fibre cement	Taubmans Endure Exterior Semi Gloss(D183)	Taubmans Endure Exterior Semi Gloss(D183)	Optional	N/A	
Fibre cement	Taubmans Endure Exterior Gloss (D182)	Taubmans Endure Exterior Gloss (D182)	Optional	N/A	S325
Galvanized steel	White Knight True Bite (WK07)	White Knight Rust Guard Epoxy (WK01)	White Knight Rust Guard Epoxy (WK01)	N/A	S1410
Hot-dipped galvanized steel	Taubmans PrepRight Galvanised Iron Primer (D848)	Taubmans Ultra Enamel High Gloss (D620)	Taubmans Ultra Enamel High Gloss (D620)	N/A	S993
Mild steel	Taubmans PrepRight Iron and Steel Primer (D865)	Taubmans PrepRight Oil Based Undercoat (D862)	Taubmans Ultra Enamel High Gloss (D620)	Taubmans Ultra Enamel High Gloss (D620)	S997
Timber pre-primed	Taubmans Endure Exterior Matt (D180)	Taubmans Endure Exterior Matt (D180)	Optional	N/A	S344
Timber pre-primed	Taubmans Endure Exterior Low Sheen (D181)	Taubmans Endure Exterior Low Sheen (D181)	Optional	N/A	S342
Timber pre-primed	Taubmans Endure Exterior Semi Gloss(D183)	Taubmans Endure Exterior Semi Gloss(D183)	Optional	N/A	
Timber pre- primed	Taubmans Endure Exterior Gloss (D182)	Taubmans Endure Exterior Gloss (D182)	Optional	N/A	S343
Timber pre- primed	Taubmans PrepRight Wood Primer (D861)	Taubmans PrepRight Oil Based Undercoat (D862)	Taubmans Ultra Enamel High Gloss (D620)	Taubmans Ultra Enamel High Gloss (D620)	S992
Zincalume®	Taubmans PrepRight Galvanised Primer (D848)	Taubmans Endure Exterior Low Sheen (D181)	Taubmans Endure Exterior Low Sheen (D181)	N/A	S951
Zincalume®	Taubmans PrepRight Galvanised Primer (D848)	Taubmans Endure Exterior Semi Gloss (D183)	Taubmans Endure Exterior Semi Gloss (D183)	N/A	S951
Zincalume®	Taubmans PrepRight	Taubman Endure Exterior	Taubmans Endure	N/A	S978

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' Data Sheet
	Galvanised Primer (D848)	Gloss (D182)	Exterior Gloss (D182)		
Zincalume®	Taubmans PrepRight Galvanised Primer (D848)	Taubmans Ultra Enamel High Gloss (D620)	Taubmans Ultra Enamel High Gloss (D620)	N/A	S994

Premium – Exterior

Taubmans All Weather is a self priming water based paint that provides adequate protection for exterior surfaces, as well as a total UV blockout and dirt shedding technology. It comes with a 10 year conditional guarantee against peeling, flaking and blistering. Taubmans All Weather Low Sheen is suitable for all exterior walls and surfaces including timber, masonry and galvanized iron. Give preference to low sheen finishes as flat paints tend to collect dirt more readily.

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' Data Sheet
Cement render	Taubmans All Weather Matt (D335)	Taubmans All Weather Matt (D335)	Optional	N/A	S789
Cement render	Taubmans All Weather Low Sheen (D334)	Taubmans All Weather Low Sheen (D334)	Optional	N/A	S040
Cement render	Taubmans All Weather Semi-Gloss (D336)	Taubmans All Weather Semi-Gloss (D336)	Optional	N/A	
Cement render	Taubmans All Weather Gloss Acrylic (D331)	Taubmans All Weather Gloss Acrylic (D331)	Optional	N/A	S067
Concrete blockwork	Taubmans Trade Edge Acrylic Block Filler (D923)	Taubmans All Weather Low Sheen (D334)	Taubmans All Weather Low Sheen (D334)	N/A	S044
Concrete blockwork	Taubmans Trade Edge Acrylic Block Filler (D923)	Taubmans All Weather Semi-Gloss (D336)	Taubmans All Weather Semi-Gloss (D336)	N/A	
Concrete blockwork	Taubmans Trade Edge Acrylic Block Filler (D923)	Taubmans All Weather Gloss Acrylic (D331)	Taubmans All Weather Gloss Acrylic (D331)	N/A	S071
Concrete off - form	Armawall Primer (D0225)	Taubmans All Weather Low Sheen (D334)	Taubmans All Weather Low Sheen (D334)	N/A	S041
Concrete off - form	Armawall Primer (D0225)	Taubmans All Weather Semi Gloss (D336)	Taubmans All Weather Semi Gloss (D336)	N/A	
Concrete off - form	Armawall Primer (D0225)	Taubmans All Weather Gloss Acrylic (D331)	Taubmans All Weather Gloss Acrylic (D331)	N/A	S068
Fibre cement	Taubmans All Weather Low Sheen (D334)	Taubmans All Weather Low Sheen (D334)	Optional	N/A	S045
Fibre cement	Taubmans All Weather Semi Gloss (D336)	Taubmans All Weather Semi Gloss (D336)	N/A	N/A	

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' Data Sheet
Fibre cement	Taubmans All Weather Gloss Acrylic (D331)	Taubmans All Weather Gloss Acrylic (D331)	Optional	N/A	S072
Galvanized steel	Taubmans PrepRight Galvanised Primer (D848)	Taubmans All Weather Low Sheen (D334)	Taubmans All Weather Low Sheen (D334)	N/A	S050
Galvanized steel	Taubmans PrepRight Galvanised Iron Primer (D848)	Taubmans All Weather Semi Gloss (D334)	Taubmans All Weather Semi Gloss (D334)	N/A	
Galvanized steel	Taubmans PrepRight Galvanised Iron Primer (D848)	Taubmans All Weather Gloss Acrylic (D331)	Taubmans All Weather Gloss Acrylic (D331)	N/A	S077
Timber pre-primed	Taubmans All Weather Matt (D335)	Taubmans All Weather Matt (D335)	Optional	N/A	S788
Timber pre-primed	Taubmans All Weather Low Sheen (D334)	Taubmans All Weather Low Sheen (D334)	Optional	N/A	S034
Timber pre-primed	Taubmans All Weather Semi Gloss (D336)	Taubmans All Weather Semi Gloss (D336)	Optional	N/A	
Timber pre-primed	Taubmans All Weather Gloss Acrylic (D331)	Taubmans All Weather Gloss Acrylic (D331)	Optional	N/A	S061
Zincalume®	Taubmans PrepRight Galvanised Iron Primer (D848)	Taubmans All Weather Low Sheen (D334)	Taubmans All Weather Low Sheen (D334)	N/A	S049
Zincalume®	Taubmans PrepRight Galvanised Iron Primer (D848)	Taubmans All Weather Semi Gloss (D336)	Taubmans All Weather Semi Gloss (D336)	N/A	
Zincalume®	Taubmans PrepRight Galvanised Iron Primer (D848)	Taubmans All Weather Gloss Acrylic (D331)	Taubmans All Weather Gloss Acrylic (D331)	N/A	S076

Low VOC – Exterior

Pure Performance Exterior is a 100% acrylic exterior finish. It has a unique dirt shedding and self-cleaning properties combined with superior UV protection. Pure Performance Exterior is self priming on most exterior surfaces, providing high adhesion and maximum durability.

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' DataSheet
Timber pre-primed	Taubmans Pure Performance Exterior Low Sheen (D487)	Taubmans Pure Performance Exterior Low Sheen (D487)	Optional	N/A	S748
Timber pre-primed	Taubmans Pure Performance	Taubmans Pure Performance	Optional	N/A	S749

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' DataSheet
	Exterior Gloss (D488)	Exterior Gloss (D488)			
Timber pre-primed Sheltered Exterior Only	Taubmans Pure Performance Prepcoat with Microban® (D486)	Taubmans Pure Performance Trim Gloss (D485)	Taubmans Pure Performance Trim Gloss (D485)	N/A	S732

Textured acrylic coatings – Exterior

Below is a small selection of some of the many Armawall textured and membrane coatings available. There are too many combinations of coating systems, application methods, textures and effects to list here. Additional information, including images of available textures, can be found on the Taubmans Armawall and Moroka web site www.taubmans.com.au/texture.

Substrate	1st coat	2nd coat	3rd coat	4th coat	Taubmans' DataSheet
Concrete blockwork	Armawall Render Coat (D0233)	Armawall Primer (D0225)	Armawall Impact (D0210)	Armawall Impact (D0210)	S1616
Cement render	Armawall Primer (D0225)	Armawall Impact (D0210)	Armawall Impact (D0210)	N/A	S1306
Recessed edge fibre cement	Armawall Polymer Render (D0238)	Armawall Impact (D0210)	Armawall Impact (D0210)	N/A	S1375
Concrete - off form	Armawall Primer (D0225)	Armawall Roll On Membrane (D0250)	Armawall Roll On Membrane (D0250)	N/A	S1623

Substrate preparation:

- Substrate: Free of dirt, dust, grease, oil, release agents, bond breakers, laitance and the like.
- Fresh cementitious surfaces: Cure for at least 14 days before application.
- Substrate moisture level: No more than 15%.

Rectify substrate if necessary to eliminate surface imperfections.

Car parking linemarking

Contact Taubmans for advice and information on alternative Line Marking systems.

Requirement:

- Apply nominally 70 mm wide line marking for car parking spaces nominated on drawings.

Materials:

- Paint system: Bristol Road Marking Paint Supreme.
- Colour [complete/delete]

Select White or Yellow.

Application: By a mechanical line marking sprayer.

- Road surface: Clean and dry at the time of painting.
- Applied at wet thickness: 0.35 to 0.40 mm.
- Bitumen: At least 30 days old before coating.

Standard: AS/NZS 2890.1 clause 4.4.

4.5 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 schedules** for examples of paint systems to which these additional requirements may apply.

In particular, 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 2890		Parking facilities
AS/NZS 2890.1	2004	Off-street car parking
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 3730.12	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 3730.21	2006	Primer - Solvent-borne - For ferrous metallic surfaces
AS 3730.22	2006	Concrete and masonry sealer - Solvent-borne - Interior/exterior
AS 3730.25	2006	Clear finish - Solvent-borne - Interior
AS 3730.27	2006	Clear coatings for interior timber floors
AS 3730.28	2006	Wood stain - Solvent-borne - Exterior
AS 3730.29	2006	Solvent-borne - Exterior/interior - Paving paint
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 4548		Guide to long-life coatings for concrete and masonry
AS/NZS 4548.1	1999	Wall coatings - Latex extensible
AS/NZS 4548.2	1999	Latex finish coatings - High-build, low profile
AS/NZS 4548.3	1999	Latex - Textured coatings - Non-aggregate
AS/NZS 4548.4	1999	Latex - Textured coatings - Aggregate filled
SUSMP	2018	Poisons Standard - Schedule 1 (SUSMP)

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

AS 1627		Metal finishing - Preparation and pretreatment of surfaces
AS/NZS 1680		Interior and workplace lighting
AS/NZS 1680.1	2006	General principles and recommendations
AS/NZS 2633	2011	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 GEN 024	2015	Using NATSPEC selections schedules
NATSPEC TR 01	2018	Specifying ESD