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01. GENERAL

01.01 SCOPE

Supply labour and materials, services and equipment necessary for the preparation, application and finishing of painting and staining as indicated on drawings, schedules and as specified herein, to internal and external surfaces of building, as follows:

Refer Schedule A EXTERNAL COLOUR SCHEDULE
Schedule B INTERNAL FINISHES AND COLOUR SCHEDULE

Consult with the Architect with regard to requirements of other trade sections of the specification which require painting, and include as part of the work of this trade section the appropriate preparation, painting, and finish required to complete the installation.

01.02 RELATED WORK

Coordinate and cooperate with the following trades:

- Substrates to be painted
- Cleaning and finishing
- Scaffolding

01.03 QUALITY ASSURANCE

Compatibility of shop and field paints:

Determine that the materials specified in the Schedule of Finishes are compatible with shop coats. Failure to do so will be construed as accepting the paints specified. Contractor is to correct, at his own expense, defects in his work resulting from the use of such materials.

01.04 REFERENCES

Comply with applicable portions of the following Australian Standards:

CODE	REFERENCE
AS/NZS 2311 2009	Guide to the painting of buildings. (NB: maintain this document at the project site by the contractor as a controlling general reference)
AS/NZS 2312 .	Guide to the protection of structural steel against atmospheric corrosion by the use of protective coatings. <i>There are 2 parts, 2014.</i>

01.05 DELIVERY, HANDLING AND STORAGE

Store materials in designated spaces in a secure manner which meets the requirements of applicable codes and fire regulations. When not in use, keep such spaces locked and inaccessible to those not employed under this section. Provide each space with a fire extinguisher of carbon dioxide or dry chemical type bearing a tag of recent inspection.

Bring materials to the building and store in manufacturer's original sealed containers, bearing the manufacturer's standard label, indicating type and colour. Deliver materials in sufficient quantities in advance of the time needed in order that work will not be delayed in any way.

01.06 PROJECT CONDITIONS

Temperature: comply with the requirements of clause 6.3 of AS/NZS 2311 The painting of buildings, and of paint manufacturers with regard to both ambient temperature and relative humidity.

01.07 WARRANTY

Provide a written warranty stating that preparation of surfaces, materials and material application installed under this contract will show no deterioration and remain in good condition for a period of 7 years from date of Practical Completion.

02. MATERIALS

02.01 GENERAL

Before ordering materials obtain and provide to the architect written evidence that items to be installed comply with Australian Standards and are approved by statutory authorities having jurisdiction.

If non-approved materials or components are installed, replacement will be at contractor's expense.

02.02 MATERIALS

General: where manufacturer makes more than one grade of any material specified, use the highest grade of each type, whether or not the material is mentioned by trade name in these specifications.

Paints and finishes used for the project may be manufactured by one or more of the following manufacturers:

- Taubmans
- Dulux
- Wattyl
- Pascol

Other products may be approved by Architect. Apply to Architect for approval of alternatives. Provide materials necessary for preparation of surfaces, and for application of paint finishes.

02.03 SCHEDULES

A Schedule of FINISHES is included in this Specification.

The Architect will prepare a final Schedule of COLOURS in sufficient time before commencement of work.

02.04 PAINT TYPES

SUBSTRATE	PRIMER / UNDERCOAT	PAINT TYPE	FINISH
Plasterboard Walls	Compatible with substrate and top coat. One Coat.	Dulux Professional Envir02 Interior	Low Sheen 2 coats
Plasterboard Ceilings		Dulux Eco Choice Ceiling	Low Sheen 2 coats
Doors - EXTERNAL		Dulux Weathersheild X10 semi gloss	Semi-gloss 2 coats
Fibre Cement Wall Cladding		Dulux Weathersheild X10 semi gloss	Semi-gloss 2 coats
Concrete		Dulux Weathersheild X10 semi gloss	Semi-gloss 2 coats
Exterior Steelwork		Dulux Barrier Coat With Dulux Weathermax Hbr -2 Pack To Ensure Achieve A	

PAINTING

		Min C2 Corrosivity Level	
Exterior steelwork – pergola gutter	Hot dipped galvanized finish	Dulux Barrier Coat With Dulux Weathermax Hbr -2 Pack To Ensure Achieve A Min C2 Corrosivity Level	
Doors internal	Compatible with substrate and top coat. One Coat.	Dulux Professional Envir02 Interior	Semi-gloss 2 coats
Timber Veneer & Solid Timber	Nil	Feast Watson Clear Varnish or equal to manufactures specifications	Satin 3 coats
Timber Trims	Nil	Feast Watson Clear Varnish or equal to manufactures specifications	Satin 3 coats
Structural timber			Refer to Carpentry

02.05 PRIMING MATERIALS

Colours of priming coats (and body coats where specified) are to be lighter than those of finish coat.

02.06 SPARE PAINT

Contractor to provide adequate left over paint for touching up and maintenance. To be supplied in well-sealed long-life containers of colour matched paints, clearly labelled and mapped to rooms/walls inside and outside the building (where applicable).

03. EXECUTION

03.01 EXAMINATION

Inspect surfaces and determine that they are in proper condition to receive the work to be performed under this trade section. Refer 03.02 below.

The starting of work under this trade section will be taken to mean acceptance of such surfaces as being satisfactory and defects in work resulting from accepting poor surfaces are to be corrected at no cost to the proprietor.

Refer AS/NZS 2311 Appendix C.

03.02 PREPARATION

- General: prepared to a standard not less than that described under AS/NZS 2311, Section 3: Preparation of Un-Painted Surfaces inclusive, and other clauses of Australian Standards referenced therein. This Standard is incorporated by reference as part of this specification and applies to the work below to the same extent as if written herein.
- Broom clean floor surfaces before painting. Remove dust, dirt, plaster, grease and other extraneous matter affecting the finish work.
- Putty-stop or plug nail holes and cracks on both exterior and interior work, as required. Natural or stained wood finishes are to have putty coloured to match. Putty wood after prime coat or sealer coat has been applied.
- Clean bare metal surfaces of mill scale, rust, grease, oil, dirt, or other foreign matter, then properly washed with spirit or other approved cleaning agents. After cleaning, etch, pickle, prime, or otherwise prepare, as recommended by the paint manufacturer.
- Remove blisters or other imperfections in previous coats caused by foreign substances or paint skins from painted surfaces before the subsequent coat is applied.
- Rub down wood and metal surfaces before finishing and between coats with No. 00 and finer sandpaper or steel wool, leaving a perfectly clean surface. Sand smooth-finished surfaces before finishing and between coats as required to smooth out rough areas and to assure a smooth, even finish. Surfaces to receive paint are to be smooth and free of sandpaper scratches, mill-marks, and other imperfections.
- Remove hardware, accessories, plates, lighting fixtures and similar items in place prior to painting and re-position upon completion of each space, or protect as otherwise directed by the Architect.
- Thoroughly stir materials in containers before application, unless otherwise directed by the manufacturer of the paint used, to ensure uniformity of colour and mass. Strain out paint skins or other materials which would cause lumps or roughness. Thin only as recommended by the manufacturer.

03.03 PROTECTION

Furnish and lay suitable drop cloths in areas where painting is being done to protect floors and other surfaces from damage during the work.

03.04 APPLICATION

- General: execute work of this trade section in strict compliance with paint manufacturer's recommendations, and with the provisions of AS/NZS 2311, Section 6: Paint Application, inclusive. This standard is incorporated by reference as part of this specification and applies to the work below to the same extent as if written herein. In

- the event of conflict between manufacturer's recommendations and the provisions of AS/NZS 2311, manufacturer's recommendations govern.
- Maintenance or repainting: Execute work of this trade section in strict compliance with paint manufacturer's recommendations, and with the provisions of AS/NZS 2311, Section 7: Maintenance of Painted Surfaces on inclusive and Section 8: Maintenance Painting Systems. This standard is incorporated by reference as part of this specification and applies to the work below to the same extent as if written herein. In the event of conflict between manufacturer's recommendations and the provisions of AS/NZS 2311, manufacturer's recommendations govern.

03.05 CLEANING

At completion of work in each area, remove paint spots, oil and stain from adjacent surfaces, including finish hardware.

Replace hardware previously removed. Painting of door hinges is strictly unacceptable.

03.06 COMPLETION

Complete contracted work in accordance with contract documents and written variation orders issued by the Architect.