

5.2 General Decoration Specification

- 5.2.1 All paints unless otherwise stated are to be purchased from the Dulux Trade Products range of colours and finishes and same paint reference colours are to be mixed as a single batch to ensure continuity of colour.
- 5.2.3 Emulsion coats may be roller applied but poor cutting in will not be accepted
- 5.2.4 The Contractor shall not store any flammable materials or equipment within the works area. He may utilise an agreed area within the Rear Yard of the Museum to locate his flammable paint storage container
- 5.2.5 Redundant cable clips, cabling, etc. affixed to doorframes, skirting, etc. are to be carefully removed and surfaces made good
- 5.2.6 Timber splices, infills, etc. to be finished flush with adjacent surfaces and are to be undetectable after decoration.
- 5.2.7 New flush panel doors are to correctly prepared and filled to give a solid, smooth paint finish, without the grain of the flush panel being evident.
- 5.2.8 Decoration is NOT to include painting over new conduit feeds, dado trunking, galvanised steel trunking, fire control cabling, etc.
- 5.2.9 Clean down all surfaces with sugar soap

5.3 Preparation

- 5.3.1 In accordance with BS 6150:2006 and amendments
- 5.3.2 Preparation materials to be of types recommended by their manufacturers and the coating manufacturer for the situation and surface being prepared
- 5.3.3 All woodwork is to be rubbed back to an overall flat, even feel and appearance. Nails, screws, etc. in the surface of the timber are to be punched below the surface and filled, flush with adjacent surfaces.
- 5.3.4 Substrates will be sufficiently dry in depth to suit coating
- 5.3.5 Remove efflorescence salts
- 5.3.6 Remove dirt, grease and oil
- 5.3.7 Remove surface irregularities
- 5.3.8 Fill joints, cracks, holes and other depressions flush with surface to provide a smooth finish
- 5.3.9 Remove dust, particles, and residues from preparation
- 5.3.10 Apply water based stoppers and fillers before priming unless recommended otherwise by the manufacturer - Patch prime if applied after priming
- 5.3.11 Apply oil based stoppers and fillers after priming
- 5.3.12 Doors, opening windows and other moving parts - Ease, if necessary, before coating and prime resulting bare areas

5.4 Fixtures and Fittings

- 5.4.1 Before commencing work remove all surface mounted fixtures and refit when coatings are dry. Advise the Project Manager of any necessary replacements for instruction before replacing components
- 5.4.2 Before commencing work remove ironmongery from surfaces to be coated. Do not remove hinges unless instructed
- 5.4.3 Remove old coatings from door and window ironmongery, fixtures, fittings and signage

5.5 Previously Coated Surfaces

- 5.5.1 The Contractor shall advise the Project Manager of any surfaces suspected of containing lead, substrates suspected of containing asbestos or areas of significant rot, corrosion, or other degradation of substrates
- 5.5.2 When removing coatings, do not damage substrate and adjacent surfaces or adversely affect subsequent coatings
- 5.5.3 Carefully remove to a firm edge, loose flaking or otherwise defective areas
- 5.5.4 Completely remove alkali affected coatings
- 5.5.5 On areas of retained coatings - Thoroughly clean to remove dirt, grease and contaminants. Provide a key to gloss coated surfaces
- 5.5.6 On areas of partially removed coatings - Apply additional preparatory coats to restore the original coating thicknesses and to provide flush surfaces at junctions
- 5.5.7 On completely stripped areas - Prepare as for undercoated surfaces

5.6 Paint Stripping

- 5.6.1 Naked flame paint burners are not to be employed - The Contractor may, with prior agreement ONLY from the Project Manager and submission of acceptable RAMS, use 110v or battery operated hand held heat strippers
- 5.6.2 Adjacent areas must be protected from excessive heat and falling scrappings
- 5.6.3 Apply two coats of knotting to exposed resinous areas and knots

5.7 Previously Coated Wood

- 5.7.1 Degraded or weathered surface wood - Take back to provide a suitable substrate
- 5.7.2 Degraded substrate wood - Repair with sound material of the same species
- 5.7.3 Apply two coats of knotting to exposed resinous areas and knots

5.8 Primed Wood

- 5.8.1 Areas of defective primer - Take back to bare wood and reprime

5.9 Undercoated Wood

- 5.9.1 Provide smooth even finish with arrises and moulding edges lightly rounded or eased

5.9.2 Countersink heads of fasteners sufficiently to hold stoppers/fillers

5.9.3 Apply two coats of knotting to exposed resinous areas and knots

5.10 Undercoat Plaster

5.10.1 Scrape off nibs, trowel marks and plaster splashes

5.10.2 Key lightly overtrowelled 'polished' areas

5.10.3 All new areas of plasterboard and/or plaster to have mist coats applied prior to the application of specified coat finishes.

5.11 Wall Coverings

5.11.1 Previously covered walls - Wash down to remove paper residues, adhesive and size.

5.12 Previously Painted Window Frames

5.12.1 Remove paint encroaching beyond glass sight line

5.12.2 Remove loose and defective putty

5.12.3 Clean thoroughly putty cavities and junctions between previously painted surfaces and glass

5.12.4 Patch prime, reputty as necessary and allow to harden, seal and coat as soon as sufficiently hard

5.13 Coating Generally

5.13.1 In accordance with BS 6150:2006 and amendments

5.13.2 Maintain suitable temperature, humidity and air quality during application and drying

5.13.3 Surfaces to be coated are to be clean and dry at time of application

5.13.4 Thinning and intermixing of coatings is not permitted unless recommended by the coatings manufacturer

5.13.5 Do not paint over intumescent strips or silicone mastics

5.13.6 Priming coats are to be thickness to suit surface porosity and applied as soon as possible after preparation is completed

5.13.7 Finishes are to be cut in neatly and to be of even, smooth and of uniform colour, free from brush marks, sags, runs and other defects.

5.13.8 Ease doors, opening windows and other moving parts before coating and between coats

5.14 Varnishing Wood

5.14.1 Thin first coat with white spirit in accordance with manufacturers recommendations - Brush well in and lay off avoiding aeration

5.14.2 Rub down lightly between coats in the direction of the grain

5.15 Bead Glazing to Coated Wood

5.15.1 Before glazing apply first two coats to rebate and beads

5.16 Putty Glazing

- 5.16.1 Allow putty to set for seven days
- 5.16.2 Within a further 14 days, seal with an oil based primer
- 5.16.3 Fully protect the putty with coating system as soon as it is sufficiently hard
- 5.16.4 Extend finishing coats on to glass up to sight line