

COATING SYSTEMS

- 109 STAIN TO EXTERNAL JOINERY:
CA approval. Colour TBA.
- Manufacturer: Valtti Colour Opaque or Microporus Breathable paint to
 - Surfaces: Base timber.
 - Preparation: As Clause 400.
 - Initial coats: 2 no coats.
 - Finishing coats: 1 no coat.
- 111 INTERNAL JOINERY THROUGHOUT THE BUILDING:
of gloss.
- Manufacturer: Dulux Quick drying Gloss (water based), colour TBA.
 - Surfaces: Primed timber.
 - Preparation: As per Clause 400.
 - Initial Coat: 1 no coat Quick Drying wood primer.
 - Finishing coat: 2 no coats of Quick Drying under coat and 1 no coat
- 112 EMULSION ON PLASTER AND PLASTERBOARD SURFACES:
designer Renge - colour TBA.
- Manufacturer: Dulux Trade Colour Dimensions and Johnstones
 - Surfaces: Walls and ceilings.
 - Preparation: As per Clause 400.
 - Initial Coat: 1 no Mist Coat Vinyl Matt Emulsion.
 - Finishing coat: 2 no coats of Vinyl Matt Emulsion (Remove radiators and fittings as necessary prior to decoration).
 - Allow for different colours to every room.
- 116 PAINT TO GALVANISED RAILINGS, COLUMNS, FENCES & EXPOSED STEEL LINTELS:
- Manufacturer: Dulux
 - Primer: Etching primer - see Clause 511.
 - Preparation: As Clauses 400 & 425. Degrease all surfaces with Dulux oil and grease remover, wash down, allow to dry and power or hand tool dry.
 - Colours: TBA.
- 118 PAINT TO FAIRFACED BLOCKWORK TO PLANT ROOM:
- Manufacturer: Dulux.
 - Preparation: As Clause 400.
 - Initial Coat: 1 no mist coat.
 - Final Coat: 2 no coats Vinyl Silk.
- 119 PAINT TO PLANTROOM FLOOR:
- Manufacturer: Dulux.
 - Preparation: As Clause 400.
 - Initial Coat: Dulux Quick drying floor paint.
 - Final Coat: Trade quick drying floor paint.
 - Primer coat: Thinned coat Dulux quick drying floor paint.
- 120 PAINT EXPOSED COPPER PIPEWORK:
Manufacturer: Dulux.
Preparation: As Clause 400.
Initial Coat: 1 no thinned Dulux Gloss.

GENERALLY

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COATING MATERIALS:

- Manufacturer: Obtain coatings from above manufacturer unless specified otherwise. Inform the CA of the selected manufacturer before commencement of any coating work.

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HANDLING AND STORAGE:

- Coating materials: Deliver in sealed containers, labelled clearly with brand name, type of material and manufacturer's batch number.
- Materials from more than one batch: Store separately. Allocate to distinct parts or areas of the work.

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PROTECTION:

- 'Wet paint' signs and barriers: Provide where necessary to protect other operatives and general public, and to prevent damage to freshly applied coatings.

PREPARATION

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PREPARATION GENERALLY:

- To BS 6150, Section 4.
- Preparation materials: Types recommended by their manufacturers and the coating manufacturer for the situation and surfaces being prepared.
- Substrates: Sufficiently dry in depth to suit coating.
- Efflorescence salts: Remove.
- Dirt, grease and oil: Remove. Give notice if contamination of surfaces/substrates has occurred.
- Joints, cracks, holes and other depressions: Fill with stoppers/fillers. Work well in and finish off flush with surface. Abrade to a smooth finish.
- Water based stoppers and fillers: Apply before priming unless recommended otherwise by manufacturer. If applied after priming, patch prime.
- Oil based stoppers and fillers: Apply after priming.
- Surface irregularities: Abrade to a smooth finish.
- Dust, particles and residues from abrasion: Remove.
- Doors, opening windows and other moving parts: Ease before coating.
Prime resulting bare areas.

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FIXTURES AND FITTINGS:

- Before commencing work: Remove associated fittings, set aside, store securely and refix on completion of coating work

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IRONMONGERY:

- Before commencing work: Remove ironmongery from surfaces to be coated, set aside, store securely and refix on completion of coating work
- Hinges: Do not remove.

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PREPRIMED TIMBER:

- Defective primer: Abrade chalking, powdery and other defective primer back to bare timber.
- Bare areas: Reprime.

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UNCOATED TIMBER:

- General: Abrade to a smooth, even finish with arrises and moulding edges lightly rounded or eased.
 - Heads of fasteners: Countersink sufficient to hold stoppers/fillers.
 - Resinous areas and knots: Apply two coats of knotting.
- 490 PREVIOUSLY COATED STEEL:
- Corrosion and loose scale: Abrade any defective coatings back to bare metal.
 - Residual rust: Treat with a proprietary removal solution.
 - Primer: Apply as soon as possible.
- 500 PREPRIMED STEEL:
- Defective primer, corrosion and loose scale: Abrade back to bare metal.
 - Bare areas: Reprime.
- 511 GALVANIZED, SHERARDIZED AND ELECTROPLATED STEEL:
- Pre-treatment: Apply one of the following:
 - 'T wash'/mordant solution to blacken whole surface.
 - Etching primer recommended by coating system manufacturer.
- 521 UNCOATED STEEL – MANUAL CLEANING:
- Oil and grease: Remove.
 - Corrosion, loose scale, welding slag and spatter: Abrade to remove.
 - Residual rust: Treat with a proprietary removal solution.
 - Primer: Apply as soon as possible.
- 541 UNCOATED ALUMINIUM/COPPER/LEAD:
- Surface corrosion: Remove and lightly abrade.
 - Pre-treatment: Etching primer if recommended by coating system manufacturer.
- 570 UNCOATED MASONRY/RENDERING:
- Loose and flaking material: Remove and make good.
- 580 UNCOATED PLASTER:
- Nibs, trowel marks and plaster splashes: Scrape off.
 - Overtrowelled 'polished' areas: Abrade lightly.
- 590 UNCOATED PLASTERBOARD:
- Depressions around fixings: Fill with stoppers/fillers.
- 611 WALL COVERINGS:
- Retained wall coverings: Check that they are in good condition and well adhered to substrate.
 - Previously covered walls: Wash down to remove paper residues, adhesive and size.
- 622 ORGANIC GROWTHS:
- Loose growths and infected coatings: Scrape off and remove.
 - Treatment biocide: Apply appropriate solution to growth areas and surrounding surfaces.
 - Dead growth: Scrape off and remove.
 - Residual effect biocide: Apply appropriate solution to inhibit re-establishment of growths.

- Biocides: Types listed in current Health and Safety Executive (HSE) 'Reference Book 500', Part B, as surface biocides.

APPLICATION

710 UNSUITABLE CONDITIONS:

- Take all necessary precautions including restrictions on working hours, providing temporary protection and allowing for extra drying time, to ensure coatings are not adversely affected by climatic conditions during and after application.
- Prevent or control exposure of operatives to solvent vapour levels exceeding occupational exposure standards set in the current HSE document EH40.
- Do not apply coatings to surfaces affected by moisture, frost, airborne dust, when the air or substrate temp is below 5°C, when the RH reaches 80% or above, or when heat is likely to cause blistering or wrinkling.

711 COATING GENERALLY:

- Application: To BS 6150, Section 5.
- Conditions: Maintain suitable temperature, humidity and air quality during application and drying.
- Surfaces: Clean and dry at time of application.
- Thinning and intermixing of coatings: Not permitted unless recommended by manufacturer.
- Priming coats: Of adequate thickness and to suit surface porosity. Apply as soon as possible on same day as preparation is completed.
- Finish: Even, smooth and of uniform colour. Free from brush marks, sags, runs and other defects. Cut in neatly.

730 WORKSHOP COATING OF CONCEALED JOINERY SURFACES:

- When one or more additional coats are specified to be applied in the factory, they must be applied to all surfaces, including those, which will be concealed when components are fixed in place.

731 SITE COATING OF CONCEALED JOINERY SURFACES:

- After priming, apply undercoat to all surfaces, which will be concealed when fixed in place.

740 CONCEALED METAL SURFACES:

- Apply black bitumen coating to all steel located below ground or built in components, which will be concealed when fixed in place.

751 STAINING TIMBER:

- Primer: Apply if recommended by stain manufacturer.
- Stain: Apply in flowing coats. Brush out excess stain before set.

Produce uniform depth of colour.

760 VARNISHING TIMBER:

- First coat: Thin with white spirit. Brush well in and lay off avoiding aeration.
- Subsequent coats: Rub down lightly between coats along the grain.

770 EXTERNAL DOORS:

- Bottom edges: Prime and coat before hanging doors.

780 BEAD GLAZING TO PAINTED JOINERY:

- Joinery that is to be painted must have 1 no coat of primer and 1 no coat of undercoat applied to rebates and beads before glazing.

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BEAD GLAZING TO STAINED JOINERY:

Joinery that is to be stained must have the first 2 no coats of the staining system applied to rebates and beads before glazing.

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COMPLETION:

Ensure that opening lights and other moving parts move freely. Remove all masking tape and temporary coverings.