

M60 PAINTING/CLEAR FINISHING

To be read with Preliminaries/General conditions.

COATING SYSTEMS:

110 CLAY-BASED EMULSION/CASEIN PAINT TO INTERNAL PLASTERED SURFACES

- Manufacturer: Contractor's choice.
- Product reference: Contractor's choice, colour TBC.
- Surfaces: Internal plasterboarded and skimmed surfaces.
- Preparation: As clause 400.
- Initial coats: As recommended by manufacturer.
- Number of coats: As necessary.
- Undercoats: As recommended by manufacturer.
- Number of coats: As necessary.
- Finishing coats: Matt clay-based emulsion.

130 LINSEAD OIL PAINT TO INTERNAL TIMBER SKIRTINGS, ARCHITRAVES AND DOORFRAMES

- Manufacturer: Contractor's choice.
- Product reference: Contractor's choice, colour TBC.
- Surfaces: Internal softwood joinery items, pre-primed and sealed.
- Preparation: As clause 400.
- Initial coats: As recommended by manufacturer.
- Number of coats: As recommended by manufacturer.
- Undercoats: As recommended by manufacturer.
- Number of coats: As recommended by manufacturer.
- Finishing coats: Linseed Oil Paint.
- Number of coats: As necessary to achieve smooth even finish.

CLASS O Surface

LIMEWASH

130 COATINGS TO STEEL AND WROUGHT IRON RAILINGS and GATES:

- Manufacturer: *Leigh's Paints* 01204 521 771.
- Surface(s): steel and wrought iron railings, gates and east window.
- Preparation: Blast Clean to *Sa3* of BS 7079: part A1: 1989.
- Initial coat: *Aluminium Metal Spray* - 100 dft microns applied in workshop.
- Finishing coat 1: *Metagard L574 Primer Grey* - 25 dft microns applied in workshop.
- Finishing coat 2: *Resistex C137 Special finish* - 75 dft microns applied in workshop. [Colour to be confirmed]

140 INTERNAL MASONRY CLEANING

Execute m² cleaning trials; **strictly applied to suppliers recommendations**, see enclosed technical literature. **Prosoco, inc supplied by Tensid uk plc 01932 564 133.** Contact Richard Turk.

1. removal of dirt and debris with high power vacuum clean.
2. pre-wet Vulpex soap in warm water 1:6 applied and agitate with natural bristle brushes
3. Prosoco, inc 1026 masonry cleaner, (Tensid UK plc, Tel: 01932-564 133).
4. Prosoco, inc 1028 interior restoration cleanse
5. Prosoco, inc Heavy duty detergent

or

6. Prosoco, inc 766 Masonry Prewash followed by Prosoco, inc Light Duty Restoration cleaner.

Execute final cleaning of masonry following trials selection rate m²: **strictly applied to suppliers recommendations.**

- a. Vacuum clean m².

- b. Vulpex m².
- c. Prosoco 1026
- d. Prosoco 1028
- e. Prosoco Heavy Duty Detergent
- f. Prosoco, inc 766 Masonry Prewash followed by Prosoco, inc Light Duty Restoration cleaner.

150 CLEANING AND REVIVING:

1. CLEANING:

- a. For cleaning extremely dirty surfaces (either shellac, varnish or synthetic lacquer finishes):
 - . 1 litre of turpentine
 - . 1 litre of methylated spirits (alcohol)
 - . 1 litre of white vinegar (mild acetic acid)
 - . 1 litre of soft water (either rainwater or distilled)
 - . Add to the total volume 25g of fine pumice powder or rottenstone powder
 - . Shake up the contents and apply as above.
- b. For cleaning panelling, doors, window sills, staircases, etc:

Make up the following by volume:

 - . 1 part linseed oil (raw)
 - . 1 part white spirit (mineral spirit)
 - . 1 part soft water (rain or distilled)
 - . 1 part white vinegar
 - . 1 part methylated finish - the clear spirit type (clear alcohol)
 - . Shake up the contents and apply to woodwork. Leave for a few minutes and then rub hard to remove dirt and grime. Allow to dry and finish off with either an oil or wax polish.

155 c -d: ALTERNATIVE PROPRIETARY PRODUCTS:

- 155c Rustin's Ltd. **Surface Cleaner** (Waterloo Road, Cricklewood, London NW2 7TX) 0181-450-4666. Applied to manufacturer's instructions.
- 155d Langlow Products Ltd **Patina Old Wood Reviver** 01494 784 866. Applied to manufacturer's instructions.

2. REVIVING AND POLISHING:

Rustin's Ltd. **Danish Oil** (Waterloo Road, Cricklewood, London NW2 7TX) 0181-450-4666. Applied to manufacturer's instructions.

156 STRIPPING PAINTWORK FROM HARDWOODS AND SOFTWOODS

- a. Painted softwoods: use Langlow Peel Away 1.
- b. Painted or varnished Hardwoods: use Langlow Peel Away 2

GENERALLY

215 HANDLING AND STORAGE:

- Coating materials must be delivered in sealed containers, each clearly labelled with the brand name, type of material and manufacturer's batch number.
- Wherever possible materials must be from one manufacturing batch. Inform the CA if materials from more than one batch are to be used, store separately and allocate to distinct parts or areas of the work.
- Store materials in accordance with manufacturer's recommendations. Use in order of delivery and before expiry of any shelf life date.

280 PROTECTION:

- Adequately protect internal and external surfaces, fixtures and fittings which are not to be coated, by covering with dust sheets, masking or other suitable materials.

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

PREPARATION

400 PREPARATION GENERALLY:

- To BS 6150, Section 4.
- Materials used in preparation must be types recommended by their manufacturers and the coating manufacturer for the situation and surfaces being prepared.
- Prevent or control exposure of operatives to dust, vapour and fumes exceeding occupational exposure standards set in the current Health and Safety Executive (HSE) document EH40.
- Substrates must be sufficiently dry in depth to suit the coating to be applied.
- Remove efflorescence salts from surfaces. Repeat removal if efflorescence recurs.
- Clean off dirt, grease and oil from surfaces. If contamination of surfaces/substrates has occurred, obtain instructions before proceeding.
- Smooth surface irregularities. Fill joints, cracks, holes and other depressions with stoppers/fillers worked well in and finished off flush with surface. Abrade to a smooth finish.
- Apply oil based stoppers/fillers after priming. Apply water based stoppers/fillers before priming unless recommended otherwise by manufacturer. Patch prime water based stoppers/fillers when applied after priming.
- Remove dust and particles from dry abrasive preparation of surfaces.
- Remove residues from wet preparation of surfaces by rinsing with clean water, wiping and allowing to dry.
- Ensure that doors, opening windows, etc, are 'eased' as necessary before coating. Prime any resulting bare areas.

425 IRONMONGERY: Remove from surfaces to be coated and refix on completion. Do not remove hinges unless instructed to do so.

430 IRONMONGERY: Remove all old paint and varnish marks from existing ironmongery. Thoroughly clean and polish before refixing.

440 PREVIOUSLY COATED SURFACES GENERALLY:

- Prepare in accordance with BS 6150, Section 6.
- When removing or partially removing coatings, use methods which will not damage the substrate or adjacent surfaces or adversely affect subsequent coatings.
- Carefully remove all loose, flaking or otherwise defective areas to a firm edge.
- Completely remove alkali affected coatings.
- Where coatings are suspected of containing lead, obtain instructions before proceeding.
- Where substrates containing asbestos are revealed, obtain instructions before proceeding.
- Where significant rot, corrosion or other degradation of substrates is revealed, obtain instructions before proceeding.
- Thoroughly clean retained coatings with appropriate detergent solutions or solvents to remove all dirt, grease and contaminants. Abrade gloss coated surfaces when still wet to provide a key.
- Apply additional preparatory coats to areas of partial removal to restore original coating thicknesses. Abrade junctions to give a flush surface.
- Where coatings are completely removed, prepare surfaces as specified for uncoated surfaces.

461 PREVIOUSLY COATED TIMBER:

- Remove any degraded or weathered surface timber by abrading.
- Ensure that repairs to degraded substrate timber have been carried out with sound timber of the same species.
- Apply two coats of knotting to exposed resinous areas and knots and allow to dry.

471 PREPRIMED TIMBER: Abrade chalking, powdery and other defective primer back to bare timber, remove dust and reprime resulting bare areas.

481 UNCOATED TIMBER:

- Abrade to a smooth, even finish with arrises and moulding edges lightly rounded or eased.
- Ensure that heads of fasteners are countersunk sufficiently to hold stoppers/fillers.

- Apply two coats of knotting to resinous areas and knots and allow to dry.
- 490 PREVIOUSLY COATED STEEL:
- Abrade corrosion and loose scale back to bare metal.
 - Treat any residual rust with a proprietary removal solution. Prime as soon as possible.
- 500 PREPRIMED STEEL: Abrade defective primer, corrosion and loose scale back to bare metal, remove dust and reprime resulting bare areas.
- 511 GALVANIZED, SHERARDIZED AND ELECTROPLATED STEEL to receive lead free primer: Pretreat with 'T wash'/mordant solution to achieve blackening of the whole surface or apply pretreatment etching primer where recommended by the coating system manufacturer.
- 521 UNCOATED STEEL - MANUAL CLEANING:
- Remove oil and grease.
 - Abrade to remove corrosion, loose scale, welding slag and spatter.
 - Treat any residual rust with a proprietary removal solution. Prime as soon as possible.
- 541 UNCOATED ALUMINIUM/COPPER/LEAD: Remove any surface corrosion/oxidization and lightly abrade with fine abrasive paper and white spirit. Apply pretreatment etching primer where recommended by the coating system manufacturer.
- 570 UNCOATED MASONRY/RENDERING: Remove loose and flaking material with a stiff brush.
- 580 UNCOATED PLASTER: Scrape off nibs, trowel marks and plaster splashes. Abrade lightly any over-trowelled 'polished' areas.
- 590 UNCOATED PLASTERBOARD: Fill depressions around fixings.
- 622 TREATMENT OF ORGANIC GROWTHS:
- Remove all loose growths and infected coatings/decorations.
 - Apply appropriate biocidal solution to growth areas and surrounding surfaces.
 - Scrape or brush off all dead growth. Remove infected materials immediately to ensure that no other areas become infected.
 - Apply appropriate residual effect biocidal solution to inhibit re-establishment of growths.
 - Biocides must be approved and registered by the Health and Safety Executive (HSE) and listed in the current 'Reference Book 500', Part B, as surface biocides.
- 652 EXISTING GUTTERS: Clean all dirt and debris from inside of all gutters (even though not to be coated). Clean out defective joints and seal with approved jointing material.

APPLICATION

- 700 UNSUITABLE CONDITIONS:
- Take all necessary precautions including restrictions on working hours, providing temporary protection and allowing extra drying time, to ensure that 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 Health and Safety Executive (HSE) document EH40.
 - Unless it is specifically permitted by the coating manufacturer, do not apply coatings:
 - To surfaces affected by moisture, frost or airborne dust.
 - When the air or substrate temperature is below 5degC.
 - When the relative humidity is above 80%.
 - When heat is likely to cause blistering or wrinkling.
- 711 COATING GENERALLY:
- To BS 6150, Section 5.
 - Do not use materials which show any brittleness or other defects when applied. Do not thin or intermix unless specified or recommended otherwise.

- Apply priming coats as soon as possible on the same day as preparation is completed. They must be of adequate thickness and suit surface porosity.
- Apply coatings by brush or roller unless otherwise specified or approved.
- Keep brushes and equipment in a clean condition. Dispose safely of cleaning and waste materials, do not pour into sanitary appliances or drains.
- Subsequent coats of the same pigmented material must be of a different tint to ensure that each coat provides complete coverage.
- Apply coatings to clean, dry surfaces in accordance with the manufacturer's recommended intervals between coats.
- Apply coatings evenly to give a smooth finish of uniform colour, free from brush marks, sags, runs and other defects. Cut in neatly and cleanly. Do not splash or mark adjacent surfaces.
- Adequately protect drying and completed work from damage.

730 CONCEALED JOINERY SURFACES: Where 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.

751 STAINING TIMBER:

- Apply primer where recommended by the stain manufacturer.
- Apply stain in flowing coats. Brush out excess stain before set to produce uniform depth of colour.

770 EXTERNAL DOORS: Prime and coat bottom edges before hanging.

790 PUTTY GLAZING: Allow putty to set for 7 days then, within a further 14 days, seal with an oil based primer. Ensure that putty is fully protected by coating system as soon as it is sufficiently hard. Extend finishing coats on to glass up to sight line.

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