

Wolfson Enabling Works

GB1010061

- 425 WOOD DOORSETS ACCESSIBLE WC - INTERIOR LAMINATE FACED DOORSETS (SINGLE LEAF, SINGLE ACTION):
 Manufacturer and reference : Leaderflush Shapland Ltd, Designer Range interior doorsets. or equivalent approved. Contact tel : 0870 240 0666 .
 Fire resistance rating: Fire performance: See Door Schedule. Certification: BWF-CERTIFIRE.
 Smoke control: Required if fire-rated.
- Sound insulation rating: **TBC**.
 - Door leaf:
 - Core: EnduraCor severe duty with finger-jointed softwood perimeter framing around core. to BS DD 171:1987, solid softwood or equivalent approved material to meet specified period of fire resistance
 - Facings: Laminated to match existing..
 - Lippings: Exposed hardwood to all edges..
 - Finish as delivered: Facings - left clean; Lippings – Hyalux clear lacquer with Hygienilac.
 - Frame and architraves:

Frame :

 - Frame: Cubith split frame with 14mm separate stop.
 - Wood species: Sustainable hardwood..
 - Appearance class to BS EN 942: J30.
 - Finish as delivered: Primed for painting on site by others..

Architraves : Integral to frame.

 - Wood species: Sustainable hardwood..
 - Finish as delivered: Primed for painting on site by others..

Moisture content on delivery: 10 to 12%..

 - Finish as delivered:
 - Ironmongery: Refer to ironmongery schedule. Stainless steel or equivalent approved hinges, as supplied and fixed by door manufacturer.
 Hinges: Ref. J-603 satin stainless steel fixed pin hinge Grade 13 to BS EN 1935, supplied and fixed by doorset manufacturer.
 Locks: Factory morticed, supplied and fixed by doorset manufacturer.
 - Perimeter seals: Standard type for this doorset, with intumescent seals rebated into frame..
 - Fixing: Frames to be counter bored by door manufacturer and supplied with matching pellets for screw fixings.
 planted stops pinned, punched and filled; include packing as required. Fixings to be staggered.

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- 426 WOOD DOORSETS KITCHENS & ACTIVITY ROOM - INTERIOR LAMINATE FACED DOORSETS:
 Manufacturer and reference : Leaderflush Shapland Ltd, Designer Range interior doorsets. or equivalent approved. Contact tel : 0870 240 0666 .
 Fire resistance rating: Fire performance: See Door Schedule. Certification: BWF-CERTIFIRE.
 Smoke control: Required if fire-rated.
- Sound insulation rating: **Not applicable**.
 - Door leaf:
 - Core: EnduraCor severe duty with finger-jointed softwood perimeter framing around core. to BS DD 171:1987, solid softwood or equivalent approved material to meet specified period of fire resistance
 - Facings: Laminated to match existing.
 - Lippings: Exposed hardwood to all edges..
 - Finish as delivered: Facings - left clean; Lippings – Hyalux clear lacquer with Hygienilac.
 - Frame and architraves:

Frame :

 - Frame: Cubith split frame with 14mm separate stop.
 - Wood species: Sustainable hardwood..
 - Appearance class to BS EN 942: J30.
 - Finish as delivered: Primed for painting on site by others..

Architraves : Integral to frame.

 - Wood species: Sustainable hardwood..
 - Finish as delivered: Primed for painting on site by others..
 - Glazing/ Infill details: Refer to door schedule.
 - Manifestation: None
 - Bead system: Steamed Beech hardwood bolection bead, pinned, finish to match lippings.
 - Size and position of aperture(s): As per door type elevations
 - Size and position of aperture(s): As per door type elevations
 - Moisture content on delivery: 10 to 12%..
 - Finish as delivered:
 - Ironmongery: Refer to ironmongery schedule. Stainless steel or equivalent approved hinges, as supplied and fixed by door manufacturer.
 Hinges: Ref. J-603 satin stainless steel fixed pin hinge Grade 13 to BS EN 1935, supplied and fixed by doorset manufacturer.
 Locks: Factory morticed, supplied and fixed by doorset manufacturer.
 - Perimeter seals: Standard type for this doorset, with intumescent seals rebated into frame..
 - Fixing: Frames to be counter bored by door manufacturer and supplied with matching pellets for screw fixings.
 planted stops pinned, punched and filled; include packing as required. Fixings to be staggered.
 - Other requirements: 1) Hygieniform PVC kick and mid-rail sheets bonded to door facing, not let-in flush; 2) HTM58 FR30/60 discs to be let-in flush with facing. .

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EXECUTION**710 PROTECTION OF COMPONENTS**

- General: Do not deliver to site components that cannot be installed immediately or placed in clean, dry, floored and covered storage.
- Stored components: Stacked on level bearers, separated with spacers to prevent damage by and to projecting ironmongery, beads, etc.

730 PRIMING/ SEALING

- Wood surfaces inaccessible after installation: Primed or sealed as specified before fixing components.

750 FIXING DOORSETS

- Timing: After associated rooms have been made weathertight and the work of wet trades is finished and dried out.

790 FIXING OF WOOD FRAMES

- Spacing of fixings (frames not predrilled): Maximum 150 mm from ends of each jamb and at 600 mm maximum centres.

800 FIXING OF LOOSE THRESHOLDS

- Spacing of fixings: Maximum 150 mm from each end and at 600 mm maximum centres.

809 FIRE RESISTING/ SMOKE CONTROL DOORS/ DOORSETS/ ROLLER SHUTTERS/ CURTAINS

- Installation: By a firm currently registered under a third party accredited fire door installer scheme in accordance with instructions supplied with the product conformity certificate, test report or engineering assessment.

810 FIRE RESISTING/ SMOKE CONTROL DOORS/ DOORSETS/ ROLLER SHUTTERS/ CURTAINS

- Gaps between frames and supporting construction: Filled as necessary in accordance with requirements for certification and/ or door/ doorset manufacturer's instructions.

819 SEALANT JOINTS TO FIRE DOORS

- Sealant:
 - Manufacturer: Adshead Ratcliffe & Co Ltd or equal to approval;
Derby Road
Belper
Derbyshire DE56 1WJ
Tel : 01773 826661
www.arbo.co.uk. .
 - Product reference: ARBO XL 1075 One Part Fire Retardant Water Based Acrylic Sealant. .
 - Colour: White .
 - Application: As section Z22 to prepared joints. Triangular fillets finished to a flat or slightly convex profile.

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820 SEALANT JOINTS

- Sealant:
 - Manufacturer: Adshead Ratcliffe & Co Ltd or equal to approval;
Derby Road
Belper
Derbyshire DE56 1WJ
Tel : 01773 826661
www.arbo.co.uk. .
 - Product reference: Arbosil 1096 One Part Low Modulus Silicone Sealant . .
 - Colour: White .
 - Application: As section Z22 to prepared joints. Triangular fillets finished to a flat or slightly convex profile.

830 FIXING IRONMONGERY GENERALLY

- Fasteners: Supplied by ironmongery manufacturer.
 - Finish/ Corrosion resistance: To match ironmongery.
- Holes for components: No larger than required for satisfactory fit/ operation.
- Adjacent surfaces: Undamaged.
- Moving parts: Adjusted, lubricated and functioning correctly at completion.

840 FIXING IRONMONGERY TO FIRE RESISTING DOOR ASSEMBLIES

- General: All items fixed in accordance with door leaf manufacturer's recommendations ensuring that integrity of the assembly, as established by testing, is not compromised.
- Holes for through fixings and components: Accurately cut.
 - Clearances: Not more than 8 mm unless protected by intumescent paste or similar.
- Lock/ Latch cases for fire doors requiring ≥ 60 minutes integrity performance: Coated with intumescent paint or paste before installation.

850 LOCATION OF HINGES

- Primary hinges: Where not specified otherwise, positioned with centre lines 250 mm from top and bottom of door leaf.
- Third hinge: Where specified, positioned in accordance with door leaf manufacturer's recommendations .
- Hinges for fire resisting doors: Positioned in accordance with door leaf manufacturer's recommendations.

860 INSTALLATION OF EMERGENCY EXIT DEVICES

- Standard: Unless specified otherwise, install panic bolts/ latches in accordance with BS EN 1125.

SPECIFICATION



Client **UCLH**
 Project **UCLH Framework Wolfson Enabling works**
 Reference **GB 1010061/ D1**
 Date **Aug 2012**

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GB1010061

M50

Carpet tiling/ sheeting

AMENDMENT	REVISION NOTE	DATE	BY
	First Issue	15.08.2012	RJ
Prepared by	Royden John		RJ
Checked by			
Authorised by			

M50 Rubber/ plastics/ cork/ lino/ carpet tiling/ sheeting

To be read with Preliminaries/ General conditions.

- 30 ALTERNATIVE PRODUCTS AND SYSTEMS
- Where reference is made to 'equal or approved', the contractor may offer alternative systems for consideration as substitutes provided such products meet or exceed the Specified Performance Requirements and the Features and Technical Characteristics described in the System Description.
 - The Contractor is to demonstrate compliance with the contract drawings, specifications and documents and that like for like equivalence is fully achieved on a project specific basis.
 - Where alternative systems are offered, these shall be proposed at Tender Stage and shall include evidence of performance, detailed drawings, samples and test certificates demonstrating that the proposed system has the equivalent technical characteristics to the system specified.

TYPES OF COVERING

152 SHEETING GENERAL VINYL TYPE A

- Location: Refer to drawings L-420 & L421 and finishes schedule S010.
- Base: Existing flooring.
 - Preparation: In accordance with manufacturer's instructions; The subfloor must be level, flat, clean, free from marks (no felt pen, marker of any type, ballpoint pens, paint, etc., that could cause discoloration due to migration) sound, dry, solid, hard, smooth (the absorbency must be checked) and not exposed to moisture. The preparation/dryness of the subfloor and installation procedures should all be in accordance with the current relevant Standard. The dryness of the solid subfloor should be below the maximum moisture level permitted when tested in accordance with that Standard..
- Fabricated underlay: None.
- Flooring roll: Homogeneous PVC to BS EN 649.
 - Manufacturer: Tarkett Ltd Dickey Lane Lenham Maidstone ME17 2QX T: 01622 854040 F: 01622 854520 www.tarkett.com uksales@tarkett.com.
 - Product reference: IQ Natural.
 - BS EN 685 class: Commercial: 34.
 - Slip potential:
 - Slip resistance value (SRV) (minimum)/ Pendulum test value (PVT) (minimum) to BS 7976: DIN 51130 - R9. EN 13893 = 0.3.
 - Surface roughness (Rz) (minimum) to BS 1134: tbc by manufacturer.
 - Recycled content: 25.5% combined post-production/post-installation waste.
 - Width: 2000 mm.
 - Thickness: 2mm.
 - Colour/ pattern: TBC.
- Adhesive (and primer if recommended by manufacturer): As recommended by manufacturer and as clause 640.
- Seam welding: Hot welding with complimentary coloured rod refer to clause 680.
- Accessories: Capping seal edge strip and swedish welded skirting corners.
- Finishing: As clause 822 to manufacturer's recommendations.
- Other requirements: Allow for dressing into access covers and cut-outs around columns etc.

156 PVC SHEET FLOORING IN SPECIAL WET AREAS TYPE B

- Location: Refer to drawings L-420 & L421.
- Base: Existing flooring.
 - Preparation: As clause 152.
- Fabricated underlay: None.
- Flooring roll: PVC to BS EN 13553.
 - Manufacturer: As clause 152.
 - Product reference: Granite Multisafe.
 - Identity code: _____.
 - BS EN 685 class: Commercial: 34.
 - Slip potential:
 - Slip resistance value (SRV) (minimum)/ Pendulum test value (PVT) (minimum) to BS 7976: DIN 51130 - R10.
 - Surface roughness (Rz) (minimum) to BS 1134: > 20 µm.
 - Recycled content: Up to 36%..
 - Width: 2000 mm.
 - Thickness: 2mm.
 - Colour/ pattern: TBC.
- Adhesive (and primer if recommended by manufacturer): As recommended by manufacturer and as clause 640.
- Seam welding: Hot welding with complimentary coloured rod.
- Accessories: Capping seal edge strip and swedish welded skirting corners.
- Finishing: As clause 822 to manufacturer's recommendations.
- Other requirements: Allow for dressing into access covers and cut-outs around columns etc.

195 FLOOR FINISH MATERIALS SPECIFICATION

- Minimum BRE 'Green Guide to Specification Online' rating: A+.

GENERAL REQUIREMENTS

210 WORKMANSHIP GENERALLY

- Base condition after preparation: Rigid, dry, sound, smooth and free from grease, dirt and other contaminants.
- Finished coverings: Accurately fitted, tightly jointed, securely bonded, smooth and free from air bubbles, rippling, adhesive marks and stains.

220 SAMPLES

- Covering samples: Before placing orders, submit representative sample of each type.

230 CONTROL SAMPLES

- General: Complete areas of finished work in approved locations as follows, and obtain approval of appearance before proceeding: TBC .

250 LAYOUT - ROLL MATERIALS

- Setting out of seams: Agree setting out for sheeting types M50/ 152 & 156 .

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252 LAYOUT - PATTERNS

- Setting out: Agree setting out for covering types M50/ 152 & 156 .

330 COMMENCEMENT

- Required condition of works prior to laying materials:
 - Building is weathertight and well dried out.
 - Wet trades have finished work.
 - Paintwork is finished and dry.
 - Conflicting overhead work is complete.
 - Floor service outlets, duct covers and other fixtures around which materials are to be cut are fixed.
- Notification: Submit not less than 48 hours before commencing laying.

340 CONDITIONING

- Prior to laying: Condition materials by unpacking and separating in spaces where they are to be laid. Maintain resilient flooring rolls in an upright position. Unroll carpet and keep flat on a supporting surface.
- Conditioning time and temperature (minimum): As recommended by manufacturer with time extended by a factor of two for materials stored or transported at a temperature of less than 10°C immediately prior to laying.

350 ENVIRONMENT

- Temperature and humidity: Before, during and after laying, maintain approximately at levels which will prevail after building is occupied.
- Ventilation: Before during and after laying, maintain adequate provision.

PREPARING BASES

410 NEW BASES

- Suitability of bases and conditions within any area: Commencement of laying of coverings will be taken as acceptance of suitability.

420 EXISTING BASES

- Notification: Before commencing work, confirm that existing bases will, after preparation, be suitable to receive coverings.
- Suitability of bases and conditions within any area: Commencement of laying of coverings will be taken as acceptance of suitability.

430 NEW WET LAID BASES

- Base drying aids: Not used for at least four days prior to moisture content testing.
- Base moisture content test: Carry out in accordance with BS 5325, Annex A or BS 8203, Annex A.
 - Locations for readings: In all corners, along edges, and at various points over area being tested.
- Commencement of laying coverings: Not until all readings show 75% relative humidity or less.

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440 SUBSTRATES TO RECEIVE THIN COVERINGS

- Trowelled finishes: Uniform, smooth surface free from trowel marks and other blemishes. Abrade suitably to receive specified floor covering material.

462 SMOOTHING/ LEVELLING UNDERLAYMENT COMPOUND

- Type: As recommended by floor finish manufacturer .
- Manufacturer: Contractor's choice .
 - Product reference: TBC .

470 BASES FROM WHICH EXISTING FLOOR COVERINGS HAVE BEEN REMOVED

- Substrate: Clear of covering and as much adhesive as possible. Skim with smoothing underlayment compound to give smooth, even surface.

LAYING COVERINGS

590 INSTALLATION OF VINYL FLOOR COVERINGS

- All installations to be installed in accordance with BS 8203: 1996.
- Sheet vinyl must be allowed to relax for 24 hours in a room with temperature between 18 deg. and 27 deg. C prior to and during installation.
- Ensure subfloor is smooth, dry, hard and clean. Should the moisture readings be above 75% RH the application of a surface applied DPM (to suit flooring manufacturer) will be required. Special recommendations to be sought for the heated floor.
- Remove all contamination such as oil, grease and plaster before laying.
- Lay a minimum of 3mm of Acrylic smoothing compound. Stone down shortly after installation to remove trowel marks.
- Lay vinyl sheet flooring using Acrylic adhesive. This to be applied using an A2 notched trowel then rolled using a loaded lambs wool roller. This is to remove trowel marks. Shower areas to use an epoxy adhesive recommended by the flooring manufacturer.
- Adjacent flooring sheets should be reverse laid.
- All seams to be hot welded using a coloured weld rod to suit flooring 24 hours after installation. All joints should be overlapped then cut to form a butt joint, then grooved using a mechanical router ready to receive the weld rod.
- Trim the weld rod only after it has cooled, this ensures that when trimmed it will not shrink and give a slight concave effect on the surface where dirt can settle.
- Use a cove skirting to manufacturers recommendation. Weld skirting to floor covering with the same technique for grooving. The weld rod is applied using the hot air gun and speed nozzle.
- Dressing the floor covering up the wall surface forming a site formed cove skirting using a cove former and capping supplied from the flooring manufacturer, can be used if found to be more suitable.

610 SETTING OUT TILES

- Method: Set out from centre of area/ room, so that wherever possible:
 - Tiles along opposite edges are of equal size.
 - Edge tiles are more than 50% of full tile width.

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- 620 COLOUR CONSISTENCY
- Finished work in any one area/ room: Free from banding or patchiness.
- 640 ADHESIVE FIXING GENERALLY
- Adhesive type: As specified, as recommended by covering/ underlay, manufacturer or as approved.
 - Primer: Type and usage as recommended by adhesive manufacturer.
 - Application: As necessary to achieve good bond.
 - Finished surface: Free from trowel ridges, high spots caused by particles on the substrate, and other irregularities.
- 650 SEAMS
- Patterns: Matched.
 - Joints: Tight without gaps.
- 670 BORDERS/ AND FEATURE STRIPS IN SHEET MATERIAL
- Curl: Not acceptable.
 - Corners: Mitre joints.
- 680 SEAM WELDING COVERINGS
- Commencement: At least 24 hours after laying, or after adhesive has set.
 - Joints: Neat, smooth, strongly bonded, flush with finished surface.
- 720 DOORWAYS
- Joint location: On centre line of door leaf.
- 740 EDGINGS AND COVER STRIPS
- Manufacturer: TBC .
 - Product reference: TBC .
 - Material/ finish: TBC .
 - Fixing: Secure with edge of covering gripped. Use matching fasteners where exposed to view
- 771 SKIRTINGS
- Types: **PVC**.
 - Manufacturer: As Clause 152.
 - Product reference: PA 20 & CAP3.
 - Fixing: Secure with top edge straight and parallel with floor.
 - Corners: Mitre joints.
- 780 TRAFFICKING AFTER LAYING
- Covering types: All.
 - Traffic free period: As per manufacturer's recommendations.

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COMPLETION

- 822 FINISHING PVC SHEETING
- Cleaning operations: As manufacturer's recommended cleaning methods.
 - Mop, sweep or vacuum to remove dust and grit, remove large debris
 - Wash floor with water containing alkaline cleaner. Use deck scrubber on small or lightly soiled areas and machine with synthetic pads on large or heavily soiled areas
 - Thoroughly rinse with clean water to remove detergent, and allow floor to dry.
 - Apply two coats of polish as recommended by covering manufacturer.
- 880 WASTE
- Spare covering material: Retain suitable material for patching. On completion submit pieces for selection. Hand over selected pieces to Employer.

SPECIFICATION



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Client **UCLH**
 Project **UCLH Framework Wolfson Enabling works**
 Reference **GB 1010061/ D1**
 Date **Aug 2012**

M60

Painting

AMENDMENT	REVISION NOTE	DATE	BY
	First Issue	15.08.2012	RJ
Prepared by	Royden John		RJ
Checked by			
Authorised by			

M60 Painting/clear finishing

To be read with Preliminaries/General conditions.

- 30 ALTERNATIVE PRODUCTS AND SYTEMS
- Where reference is made to 'equal or approved', the contractor may offer alternative systems for consideration as substitutes provided such products meet or exceed the Specified Performance Requirements and the Features and Technical Characteristics described in the System Description.
 - The Contractor is to demonstrate compliance with the contract drawings, specifications and documents and that like for like equivalence is fully achieved on a project specific basis.
 - Where alternative systems are offered, these shall be proposed at Tender Stage and shall include evidence of performance, detailed drawings, samples and test certificates demonstrating that the proposed system has the equivalent technical characteristics to the system specified.

COATING SYSTEMS

- 111 EMULSION PAINT _____
- Colours: Refer to finishes schedule - S-010 & S-011.
 - Manufacturer: ICI Paints or equivalent approved, contact tel: 0870 242 1100, www.duluxtrade.co.uk.
 - Product reference: Dulux Trade Diamond Matt.
 - Surfaces: Prepared Plasterboard as clause K10.
 - Preparation: As clauses 400, 440 .
 - Initial coats: As recommended by manufacturer .
 - Number of coats: One coat .
 - Undercoats: As recommended by manufacturer .
 - Number of coats: One coat .
 - Finishing coats: Dulux Trade Diamond Matt .
 - Number of coats: Two: Brush, Roller or spray applied .

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131 GLOSS PAINT TO EXISTING WOODWORK

- Colours: TBC.
- Manufacturer: ICI Paints or equivalent approved, contact tel: 0870 242 1100, www.duluxtrade.co.uk .
 - Product reference: Ecosure water-based gloss .
- Surfaces: Previously decorated .
 - Preparation: As clauses 400, 440 .
- Initial coats: Ecosure water-based undercoat .
 - Number of coats: One coat thinned (up to 1 part water to 10 parts undercoat) as appropriate .
- Undercoats: Ecosure water-based undercoat .
 - Number of coats: one coat .
- Finishing coats: Ecosure water-based gloss .
 - Number of coats: Two: Brush applied .

132 GLOSS PAINT TO INTERNAL EXPOSED SOFTWOOD

- Colours: TBC.
- Manufacturer: ICI Paints or equivalent approved, contact tel: 0870 242 1100, www.duluxtrade.co.uk .
 - Product reference: Ecosure water-based gloss .
- Surfaces: Uncoated .
 - Preparation: As clause 400 .
- Initial coats: Ecosure water-based undercoat .
 - Number of coats: One coat thinned (up to 1 part water to 10 parts undercoat) as appropriate .
- Undercoats: Ecosure water-based undercoat .
 - Number of coats: one coat .
- Finishing coats: Ecosure water-based gloss .
 - Number of coats: Two: Brush applied .

GENERALLY**215 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.

217 HEALTH AND SAFETY

- All decorative paints and varnishes to meet the VOC requirements set out in Phase 2 of BS EN 13300:2001 and Decorative Paint Directive 2004/42/CE testing in accordance with BS EN 11890:2:2006

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220 COMPATIBILITY

- Coating materials selected by contractor:
 - Recommended by their manufacturers for the particular surface and conditions of exposure.
 - Compatible with each other.
 - Compatible with and not inhibiting performance of preservative/fire retardant pretreatments.

280 PROTECTION

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

310 SUPERVISED CONTROL SAMPLES

- Sample areas of finished work: Carry out, including preparation, as follows:

Types of coating	Location
M60/ 111.	2.20 Wheelchair store.
- Inspection: Give notice when each stage is ready for inspection.
 - Approval of appearance: Obtain before commencement of general coating work.

320 INSPECTION BY COATING MANUFACTURERS

- General: Permit manufacturers to inspect work in progress and take samples of their materials from site if requested.

321 INSPECTION OF WORK STAGES

- Programme for inspections: Submit as follows:

Types of coating	Inspection at completion of
M60/ 151 .	First undercoat and second undercoat, by contractor .
- Inspection: Give prior notice when each stage is ready for inspection.

PREPARATION**400 PREPARATION GENERALLY**

- Standard: In accordance with BS 6150.
- Suspected existing hazardous materials: Prepare risk assessments and method statements covering operations, disposal of waste, containment and reoccupation, and obtain approval before commencing work.
- 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.
- Surface irregularities: Remove.
- Joints, cracks, holes and other depressions: Fill flush with surface, to provide smooth finish.
- Dust, particles and residues from preparation: Remove and dispose of safely.
- 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.
- Doors, opening windows and other moving parts:
 - Ease, if necessary, before coating.
 - Prime resulting bare areas.

420 FIXTURES AND FITTINGS

- Removal: Before commencing work remove: Coverplates, grilles, wall clocks, and other surface mounted fixtures.
- Replacement: Refurbish as necessary, refit when coating is dry.

425 IRONMONGERY

- Removal: Before commencing work: Remove ironmongery from surfaces to be coated.
- Hinges: Remove.
- Replacement: Refurbishment as necessary; refit when coating is dry.

430 EXISTING IRONMONGERY

- Refurbishment: Remove old coating marks. Clean and polish.

440 PREVIOUSLY COATED SURFACES GENERALLY

- Preparation: In accordance with BS 6150, clause 11.5.
- Contaminated or hazardous surfaces: Give notice of:
 - Coatings suspected of containing lead.
 - Substrates suspected of containing asbestos or other hazardous materials.
 - Significant rot, corrosion or other degradation of substrates.
- Suspected existing hazardous materials: Prepare risk assessments and method statements covering operations, disposal of waste, containment and reoccupation, and obtain approval before commencing work.
- Removing coatings: Do not damage substrate and adjacent surfaces or adversely affect subsequent coatings.
- Loose, flaking or otherwise defective areas: Carefully remove to a firm edge.
- Alkali affected coatings: Completely remove.
- Retained coatings:
 - Thoroughly clean to remove dirt, grease and contaminants.
 - Gloss coated surfaces: Provide key.
- Partly removed coatings:
 - Additional preparatory coats: Apply to restore original coating thicknesses.
 - Junctions: Provide flush surface.
- Completely stripped surfaces: Prepare as for uncoated surfaces.

461 PREVIOUSLY COATED WOOD

- Degraded or weathered surface wood: Take back to provide suitable substrate.
- Degraded substrate wood: Repair with sound material of same species.
- Exposed resinous areas and knots: Apply two coats of knotting.

471 PREPRIMED WOOD

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

481 UNCOATED WOOD

- General: Provide 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

- Defective paintwork: Remove to leave a firm edge and clean bright metal.
- Sound paintwork: Provide key for subsequent coats.
- Corrosion and loose scale: Take back to bare metal.
- Residual rust: Treat with a proprietary removal solution.
- Bare metal: Apply primer as soon as possible.
- Remaining areas: Degrease.

500 PREPRIMED STEEL

- Areas of defective primer, corrosion and loose scale: Take back to bare metal. Reprime as soon as possible.

- 511 GALVANIZED, SHERARDIZED AND ELECTROPLATED STEEL
- White rust: Remove.
 - Pretreatment: 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: 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 key surface.
 - Pretreatment: Etching primer if recommended by coating system manufacturer.
- 560 UNCOATED CONCRETE
- Release agents: Remove.
- 580 UNCOATED PLASTER
- Nibs, trowel marks and plaster splashes: Scrape off.
 - Overtrowelled 'polished' areas: Key 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
- Dead and loose growths and infected coatings: Scrape off and remove from site.
 - Treatment biocide: Apply appropriate solution to growth areas and surrounding surfaces.
 - Residual effect biocide: Apply appropriate solution to inhibit re-establishment of growths.
- 631 PREVIOUSLY PAINTED WINDOWS FRAMES
- Paint encroaching beyond glass sight line: Remove.
 - Loose and defective putty: Remove.
 - Putty cavities and junctions between previously painted surfaces and glass: Clean thoroughly.
 - Finishing:
 - Patch prime, reputty as necessary, and allow to harden.
 - Seal and coat as soon as sufficiently hard.

- 645 SEALING OF INTERNAL MOVEMENT JOINTS
- General: To junctions of walls and ceilings with architraves, skirtings and other trims.
 - Sealant: Water based acrylic.
 - Manufacturer: Contractors choice.
 - Product reference: Submit Proposal.
 - Preparation and application: As section Z22.

APPLICATION

- 711 COATING GENERALLY
- Application standard: In accordance with BS 6150, clause 9.
 - 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.
 - Overpainting: Do not paint over intumescent strips or silicone mastics.
 - Priming coats:
 - Thickness: To suit surface porosity.
 - Application: 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.
- 720 PRIMING JOINERY
- Preservative treated timber: Retreat cut surfaces with two flood coats of a suitable preservative before priming.
 - End grain: Coat liberally allow to soak in, and recoat.
- 730 WORKSHOP COATING OF CONCEALED JOINERY SURFACES
- General: Apply coatings to all surfaces of components.
- 780 BEAD GLAZING TO COATED WOOD
- Before glazing: Apply first two coats to rebates and beads.
- 800 GLAZING
- Etched, sand blasted and ground glass: Treat or mask edges before coating to protect from contamination by oily constituents of coating materials.
- 810 WATER REPELLENT
- Application: Liberally flood surface, giving complete and even coverage.