

M60 – PAINT FINISHES**IRAL-NH[M60]0001**

Rev	Summary of Changes	Author	Date	Check	Status
E00	Stage E issue	TMQ	04.04.08	AS	Stage E
F00	Stage F	TMQ	31.07.08	AS	Tender
F01	Issued for Tender Revised clause 130 Added clauses 131, 141, 712	CR	01.10.08	AS	Stage F
K00	Issued for Construction. Revised clauses 010, 020, 100, 131, 150, 310, 321, 511 Added clauses 012, 015, 021, 025, 121, 125, 142, 151	TMQ CR	19.01.09	AS	Stage K
K01	Issued for Construction. Revised clause 170	CR	02.03.09	AS	Stage K

M60 PAINTING/ CLEAR FINISHING

To be read with Preliminaries/ General Conditions.

COATING SYSTEMS – EXISTING FEATURES

010 EXISTING METALWORK - EXTERNAL

- Description: Existing external metal railings, grilles, security bars, gutters, gate and externally mounted rainwater downpipes.
- Location: North House, exterior.
- Drawing Reference(s): IRAL-0500, IRAL-0501, IRAL-0502, IRAL-0503 -
 Manufacturer: International Paint Ltd.
 Protective Coatings
 Stoneygate Lane
 Felling
 Gateshead
 NE10 0JY
 Telephone: + 44 (0) 191 401 2186
 Fax: + 44 (0) 191 495 0676
 Contact: Andrew Clark
- Preparation: Mechanically prepare any areas of breakdown to ST3 standard, feathering back existing coatings to a solid edge, all existing coatings required abrading to provide a key, ensuring that the substrate is clean dry and free from contaminants prior to overcoating.
- Primer coat: Interplus 256 @ 80 microns DFT (Patch Coat)
- Colour: Aluminium
- Application Method: Brush - Second coat: Interplus 770 @ 80 microns DFT (Full coat), brush application
- Colour: Dark Grey
- Application Method: Brush and/or roller.
- Finishing coat: Interthane 870 @ 50 microns DFT (Full coat), brush application.
- Colour ref: Colour 003: Dark Grey as Clause M60/100
- Application Method: Brush and/or roller, to CA approval.

012 EXISTING METAL WINDOWS

- Description: Existing metal windows
- Location: W-124-E, W-125-E, W-324-E, W-301-E, W-302-E
- Manufacturer: Dulux/Hammerite or equivalent approved
 ICI Paints
 Wexham Road,
 Slough
 Berkshire SL2 5DS
- Preparation: Descale to remove all rust and corrosion.
- Primer coat: Rust Inhibiting primer.
- Colour: Light grey
- Second coat: Metal primer
- Colour: Grey
- Third coat: Undercoat
- Colour: Grey
- Finishing coat: Satin Finish
- Colour ref: White

015 EXISTING METALWORK - INTERNAL

- Description: Existing metal balustrades/handrails

North House

M60

- Location: Stair 2 flights from raised ground to second floor
Stair 1 including first floor landing
- Drawing Reference(s):
- Manufacturer: International Paint Ltd.
Protective Coatings
Stoneygate Lane
Felling
Gateshead
NE10 0JY
Telephone: + 44 (0) 191 401 2186
Fax: + 44 (0) 191 495 0676
Contact: Andrew Clark
- Preparation: Descale to remove all rust and corrosion. Mechanically prepare any areas of breakdown to ST3 standard, feathering back existing coatings to a solid edge, all existing coatings required abrading to provide a key, ensuring that the substrate is clean dry and free from contaminants prior to overcoating.
- Primer coat: Interplus 256 @ 80 microns DFT (Patch Coat)
- Colour: Aluminium
- Application Method: Brush
- Second coat: Interplus 770 @ 80 microns DFT (Full coat), brush application
- Colour: Grey
- Application Method: Brush and/or roller.
- Finishing coat: Interthane 870 @ 50 microns DFT (Full coat), brush application.
- Colour ref: Colour 004: Dark Grey as Clause M60/100
- Application Method: Brush and/or roller, to CA approval.

020 EXISTING WOODWORK – WINDOWS

- Description: Painted woodwork.
- Location: North House, Timber entry door
- Manufacturer: Dulux
ICI Paints
Wexham Road,
Slough
Berkshire SL2 5DS
- First coat: Weathershield Exterior Flexible Undercoat
- Colour: White
- Finishing coat: Weathershield Exterior Satin finish.
- Colour ref: Colour 001: White as Clause M60/100

021 EXISTING WOODWORK – ENTRY DOOR

- Description: Existing wood entry door and architrave
- Location: ED-G07-1
- Manufacturer: Dulux
- First coat: Weathershield Exterior Flexible Undercoat
- Colour: White
- Finishing coat: Weathershield Exterior Satin finish.
- Colour ref: Interior: Colour 001: White as Clause M60/100
Exterior: Colour 003: Dark Grey as Clause M60/100

025 EXISTING WOODWORK – INTERNAL

- Description: Existing Woodwork to be retained.
- Location: Room G09, 108.
- Manufacturer: ICI Paints or equivalent approved
Wexham Road,

- First coat: Slough,
Berkshire SL2 5DS
Dulux Trade Wood Primer,
White
- Finishing coat: Dulux Trade Diamond Satinwood,
Dulux Trade 10BB83/020 (White)

COATING SYSTEMS

100 PAINT COLOURS – IN ABEYANCE

- Colour 001: White: To match Dulux Trade 10BB 83/020
- Colour 002: Blue: To match RAL Design 270 40 40
- Colour 003: Dark Grey, Exterior: To match RAL Design 000 30 00
- Colour 004: Dark Grey, Interior: To match RAL Design 000 30 00

110 EMULSION PAINT TO NEW PLASTER AND PLASTERBOARD SURFACES

- Manufacturer: ICI Paints or equivalent approved
Wexham Road,
Slough,
Berkshire SL2 5DS
- Product reference: Dulux Trade Emulsion or equivalent approved
- Surfaces:
 - Preparation: As clause M60/580 and 590.
- Initial coats: Thinned coat of emulsion (10% by volume with clean cold water)
 - Number of coats: 1
- Finishing coats:
 - Number of coats: 2
- Colour: Colour 001: White, As Clause M60/100

120 EMULSION PAINT TO EXISTING PLASTER SURFACES

- Manufacturer: ICI Paints or equivalent approved
Wexham Road,
Slough,
Berkshire SL2 5DS
- Product reference: Dulux Trade Emulsion or equivalent approved
- Surfaces:
 - Preparation: As clause M60/440.
- Initial coats: Thinned coat of emulsion (10% by volume with clean cold water)
 - Number of coats: 1
- Finishing coats:
 - Number of coats: 2
- Colour: Colour 001: White, As Clause M60/100
Colour 002: Blue, As Clause M60/100

130 PAINT TO EXTERNAL GALVANISED METALWORK

- Manufacturer: Leigh's Paints or Equivalent.
Tower Works
Kestor Street
Bolton BL2 2AL
Tel: 01204 521 771
Fax: 01204 382 115
- Surfaces: Steel – refer L30/210.
- Preparation: Clean and degrease the galvanized substrate by abrading with a 3M "Scotchbrite" pad soaked in Leigh's G500 Cleansing Solution or approved equivalent, rinse off with fresh water and allow to dry.
- Etch primer: Product: L703 Mordant Wash or approved equivalent.
Dry film thickness: n/a
Application: As per manufacturer.
If no reaction occurs (as per colour) repeat the Preparation procedure.
Colour will turn grey/black overall and will remain on the substrate as integral part of the system
- Intermediate coat:
Product: Epigrip K267V2 MIO finish or approved equivalent.
Dry film thickness: 100 microns nominal as BS EN ISO 12944-5.
Application: Airless spray shop applied.
Colour: Silver grey R8047.
- Primary finish coat:
Product: Resistex C137V2 Special Finish (Acrylic Urethane) or approved equivalent.
Dry film thickness: 60 microns.
Application: Airless spray shop applied.
Colour 003: Dark Grey as Clause M60/100.
- Final finish coat: Product: Resistex C137V2 Special Finish (Acrylic Urethane) or approved equivalent.
Dry film thickness: 50 microns
Application: Roller applied on site with short pile lambswool roller.
Colour 003: Dark Grey as Clause M60/100
- Application: as per clause 712
- Performance:
Minimum life to first maintenance: 20 years in accordance with CIRIA RP174
Finish to be overcoatable with itself
- Special requirements:
Shop intermediate coat: Maximum V.O.C. 250 grammes/litre.
Volume solids 75%. Etch primer maximum v.o.c. 780grammes/litre.
Intermediate coat should comply with the 1998 EPA regulations
Finish coats: Maximum V.O.C. 420 grammes/litre.
Volume solids 54%
Finish should comply with the 1998 EPA regulations.

131 PAINT TO INTERNAL METALWORK – IN ABEYANCE

- *Description: Finish to Window box diffuser plates K11/539, 540.*
- *Material: tbc*
 - *Product reference:tbc*
 - *Manufacturer: tbc*
 - *Gloss factor: matt*
 - *Colour: to match M60/141: all coats 004, Dark Grey as M60/100.*
 - *Samples on specified support material to be submitted for approval before fabrication of components.*

- 140 **SPRAY PAINT FOR MDF FITTINGS AND FOR SOLID DOORS**
- Material: Polyurethane Paint
 - Colour: 001, White as clause M60/100
 - Product reference: TZ 99
 - Product reference base coat: TU 148/13
 - Gloss factor: version 10
 - Manufacturer:
 - Sayerlack – Arch Coatings UK
 - A1 Business Park
 - Knottingley
 - West Yorkshire
 - WF11 OBU England
 - Tel: 01977 673363
 - Fax: 01977 673521
 - E-mail: info@archcoatings.co.uk
 - Web: www.sayerlack.it
 - Spray painter:
 - Flowrite
 - 33-34 Brunswick Square
 - N17 8ES London
 - Contact: William Eden
 - Tel: 020 8885 2320
 - Samples on specified support material to be submitted for approval before fabrication of components
- 141 **SPRAY PAINT FACTORY FINISH FOR SECONDARY GLAZING, NEW WINDOW AND NEW WINDOW SILLS**
- Material: Pre-catalysed lacquer
 - Colour: 001, White as clause M60/100
 - Product reference: PC1 Precat system
 - Product reference base coat: PC1 Sanding sealer
 - Gloss factor: 5% FLAT Sheen
 - Manufacturer:
 - ISF Coatings
 - ISF Group Ltd
 - Leicester
 - LE4 9HS England
 - Tel: 0116 2742222
 - Fax: 0116 2743333
 - E-mail: info@isf.co.uk
 - Web: www.isf.co.uk
 - Samples on specified support material to be submitted for approval before fabrication of components
- 142 **PAINT FINISH TO PLYWOOD LININGS**
- Description: Matt finish to plywood linings to window boxes K11/340, ventilation box at B12 K11/330, high level extract linings.
 - Manufacturer:
 - ICI Paints or equivalent approved
 - Wexham Road,
 - Slough,
 - Berkshire SL2 5DS
 - Product reference:
 - Dulux Trade Emulsion or equivalent approved
 - Surfaces:
 - Initial coats:
 - Thinned coat of emulsion (10% by volume with clean cold water)
 - Number of coats: 1
 - Finishing coats:
 - Number of coats: 2

- Colour: all coats 004, Dark Grey as M60/100.
 - Gloss factor: matt
 - Samples on specified support material to be submitted for approval before fabrication of components.

145 SPRAY PAINT FOR WET OR DAMP AREAS

 - Material: Polyurethane Paint
 - Colour: 001, White as clause M60/100
 - Product reference: TU218/41
 - Requirement: water resistant as in damp area.
 - Manufacturer:
Sayerlack – Arch Coatings UK
A1 Business Park
Knottingley
West Yorkshire
WF11 OBU England
Tel: 01977 673363
Fax: 01977 673521
E-mail: info@archcoatings.co.uk
Web: www.sayerlack.it
 - Spray painter:
Flowrite
33-34 Brunswick Square
N17 8ES London
Contact: William Eden
Tel: 020 8885 2320
 - Samples on specified support material to be submitted for approval before fabrication of components

150 EGGSHELL/ SATIN PAINT - *IN ABEYANCE*

 - *Manufacturer:* *ICI Paints or equivalent approved*
Wexham Road,
Slough,
Berkshire SL2 5DS
 - *Product reference:* *tbc*
 - *Surfaces:*
 - *Preparation:* *tbc*
 - *Initial coats:* *tbc*
 - *Number of coats:* *tbc*
 - *Finishing coats:* *tbc*
 - *Number of coats:* *tbc*
 - *Colour:* *Colour 001: White, As Clause M60/100*

151 EXISTING WOODWORK – INTERNAL – REDECORATION

 - Description: Existing woodwork to be redecorated
 - Location: Gayfere Street, Gs required at breakthroughs
 - Manufacturer: ICI Paints or equivalent approved
Wexham Road,
Slough,
Berkshire SL2 5DS
 - Finishing coat: Dulux Trade Emulsion or equivalent approved.
Gloss to match existing to CA approval.
 - Number of coats: To CA approval.
 - Colour: To match existing, to CA approval.

- **Description:** **Silicification-active, water-repellent, vapour permeable, pure waterglass based one-component mineral paint.**
 - **Manufacturer:** **Beeck GmbH & Co KG ~~ICI Paints~~ or equivalent approved**
~~Wexham Road,~~
~~Slough,~~
~~Berkshire SL2 5DS~~
 - **Supplier:** **Natural Deco or equivalent approved**
<http://www.naturaldeco.co.uk>
Cornish Lime Company or equivalent approved
<http://www.cornishlime.co.uk>
~~tbc~~**Beeckosil or equivalent approved**
 - **Product reference:**
 - **Surfaces:**
 - **Preparation:** ~~tbc~~ **The surface must be clean, dry, solid, coatable and free of efflorescing salts.**
Allow new render to dry for minimum 6 weeks before paint finish applied.
 - **Initial coats:** ~~tbc~~**Thin Beeckosil with 10 to 20% Beeck Fixative.**
 - **Number of coats:** ~~tbc~~**1.**
 - **Finishing coats:** ~~tbc~~**allow initial coat to dry for minimum 12 hours. Thin Beeckosil with 5% Beeck Fixative.**
 - **Number of coats:** ~~tbc~~**1.**
 - **Application:** **Apply crosswise sparingly, evenly and lap-free with a soft mineral paint brush, a lambskin roller or by spray gun.**
Treat adjacent surfaces all at once. Avoid dry seams.
Minimum external temperature 5° C during application and drying.
 - **Colour:** ~~tbc~~ **from Beeckosil Cat. 1 colour range to match existing stone, to CA approval.**
- 180 ANTI-DUST SEALER TO ALL EXPOSED INTERNAL BLOCKWORK
- **Manufacturer:** Tensid UK,
Aquila House,
70a Wheatash Road,
Addlestone, Surrey KT15 2ES.
Tel 01932 564133.
Web: www.tensid.com
 - **Sealer:** STMP stone, tile and masonry protector. Waterborne penetrating fluoro polymer water, oil and stain repellent.
 - **Application:** 2 coats low compression sprayed to manufacturer's recommendations.
- 190 FLOOR SEALER
- **Manufacturer:** Tensid UK,
Aquila House,
70a Wheatash Road,
Addlestone, Surrey KT15 2ES.
Tel 01932 564133.
Web: www.tensid.com
 - **Sealer:** Tensid UK Prosoco SLX 100 Modified neat silane.
 - **Application:** In accordance with manufacturer's printed instructions.

GENERAL

210 COATING MATERIALS

- Manufacturers: Obtain materials from any of the following: ICI Paints Ltd or equivalent approved..
 - Selected manufacturers: Submit names before commencement of coating work.
- 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.
- 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. Protection material to be approved by paint manufacturer to be chemically inert and to avoid plasticizer migration. Protection material to remain in place after steel installation until final finish coat on site.

TESTING, SAMPLES AND PROTOTYPES

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

Types of coating	Nature of sample
130	200 linear mm handrail sample, 200 linear mm flat bar sample.
140	300mm x 300mm sample on each specified substrate.
145	300mm x 300mm sample on each specified substrate.
150	300mm x 300mm/ 300 linear mm sample on each specified substrate.
 - Approval of appearance: Obtain before commencement of general coating work.
- 310 SUPERVISED CONTROL SAMPLES
- Sample areas of finished work: Carry out, including preparation, as follows:

Types of coating	Nature of sample
010	Area to be agreed with CA, to be inspected at all work stages, utilise existing material scheduled to be removed if possible, to be agreed with the CA.
012	Area to be agreed with CA, to be inspected at all work stages, utilise existing material scheduled to be removed if possible, to be agreed with the CA.
015	Area to be agreed with CA, to be inspected at all work stages.
020/021/025	Area to be agreed with CA, to be inspected at all work stages.
110/120/142	Control sample insitu – location to be agreed with CA.
 - Inspection: Give notice when each stage is ready for inspection. Representative lighting as proposed to be provided 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 | Nature of sample |
| 010/012/015/020/021/025130/150 | Preparation; inspection at completion of area |
| 010/012/015/020/021/025130/150 | Initial coats; inspection at completion of area |
- 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 at new work: Remove.
- Surface irregularities at existing features : Abrade to a smooth finish.
- Joints, cracks, holes and other depressions: Fill with stoppers/fillers. Work well in and finish off flush with surface. Abrade to a 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.

405 PREPARATION EXISTING / PREVIOUSLY COATED WOODWORK

- Completely remove all blistered, poorly adhering or otherwise defective coatings.
- Open up all joints which are not tight fitting and rake out thoroughly.
- Rub down all bare areas to produce a smooth surface and dust off.
- Cut out any decayed wood and repair with Ronseal High Performance Wood Filler.
- Apply a thin coat of Dulux Knotting Solution to all knots and resinous areas and allow to harden.
- Wash down remaining areas in good condition, with soap and water, detergent solution or suitable solvent to remove dirt, grease, etc, in accordance with manufacturer's instructions and rinse off and allow to dry.
- Thoroughly rub down with a suitable abrasive and dust off. Carefully scrape back to a firm edge, minor areas of poorly adhering or defective coatings and rub down to provide a key and feather broken edges of existing coatings.
- Apply a thin coat Dulux Knotting Solution to all knots and resinous areas and allow to harden.

410 PRIMING EXISTING WOODWORK

- Prime all bare wood with one coat Dulux Weathershield Exterior Preservative Primer. Ensure any end grain and joints are liberally coated.

415 MAKING GOOD EXISTING WOODWORK

- Make good all nail holes and open joints etc with Ronseal High Performance Wood Filler according to the instructions for use.
- Allow making good to dry before rubbing down smooth and dusting off.
- Bring forward all primed areas and making good with one coat of Dulux Trade Weathershield Exterior Flexible Undercoat or Dulux Weathershield Preservative Undercoat.

420 FIXTURES AND FITTINGS

- Removal: Before commencing work remove
- Replacement: Refurbish as necessary, refit when coating is dry.

425 IRONMONGERY

- Before commencing work: Remove ironmongery from surfaces to be coated.
- Hinges: Do not remove where existing door leafs to remain insitu, otherwise remove. Consult CA prior to removing special interest doors.
- On completion of coating work: Refix all ironmongery as stated on door and window schedules.

430 EXISTING IRONMONGERY

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

440 PREVIOUSLY COATED SURFACES GENERALLY

- Preparation: To BS 6150, Section 6.
- 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.
- Discovery: Give notice of:
 - Coatings suspected of containing lead.
 - Substrates suspected of containing asbestos.
 - Significant rot, corrosion or other degradation of substrates.
- Retained coatings: Thoroughly clean to remove dirt, grease and contaminants. Abrade gloss coated surfaces to provide a key.
- Partly removed coatings: Apply additional preparatory coats to restore original coating thicknesses. Abrade junctions to give a flush surface.
- Completely stripped surfaces: Prepare as for uncoated surfaces.

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.
 - 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.

451 PREVIOUSLY COATED SURFACES - BLAST CLEANING

- Operatives:
 - Trained/ experienced in blast cleaning.

- Submit evidence of training/ experience on request.
 - Dust and nuisance: Minimize.
- 456 PREVIOUSLY COATED SURFACES - BURNING OFF
- Risk assessment and method statement: Prepare, and obtain approval before commencing work.
 - Adjacent areas: Protect from excessive heat and falling scrapings.
 - Exposed resinous areas and knots: Apply two coats of knotting.
 - Removed coatings: Dispose of safely.
- 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 re-prime.
- 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 PAINTED FINISH TO NEW GALVANISED STEELWORK
- Refer M60/130
- 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.
- 531 UNCOATED STEEL - BLAST CLEANING
- Oil and grease: Remove.
 - Blast cleaning:
 - Atmospheric conditions: Dry.
 - Abrasive: Suitable type and size, free from fines, moisture and oil.
 - Surface finish: To BS EN ISO 8501-1, preparation grade tbc .
 - Primer: Apply as soon as possible and within four hours of blast cleaning.
- 541 UNCOATED ALUMINIUM/ COPPER/ LEAD
- Surface corrosion: Remove, and lightly key surface.
 - Pretreatment: Etching primer, if recommended by coating system manufacturer.
- 552 UNCOATED PVC-U

North House	M60
	- Dirt and grease: Remove. Do not abrade surface.
560	UNCOATED CONCRETE
	- Release agents: Remove.
570	UNCOATED MASONRY/ RENDERING
	- Loose and flaking material: 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 stopper/ filler.
601	UNCOATED PLASTERBOARD - TO RECEIVE TEXTURED COATING
	- Joints: Fill, tape and feather out with materials recommended by textured coating manufacturer.
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.
	- Biocides: Types listed in current Health and Safety Executive (HSE) 'Reference Book 500', Part B, as surface biocides.
631	PREVIOUSLY PAINTED WINDOW 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.
640	EXTERNAL POINTING TO EXISTING FRAMES
	- Defective sealant pointing: Remove.
	- Joint depth: Approximately half joint width; adjust with backing strip if necessary.
	- Sealant:
	- Manufacturer: tbc
	- Product reference: tbc
	- Preparation and application: As section Z22.
645	SEALING OF INTERNAL MOVEMENT JOINTS
	- General: To junctions of walls and ceilings with architraves, skirtings and other trims.
	- Sealant: Water based acrylic.
	- Manufacturer: tbc
	- Product reference: tbc
	- Preparation and application: As section Z22.
651	EXISTING GUTTERS
	- Dirt and debris: Remove from inside of gutters.
	- Defective joints: Clean and seal with suitable jointing material.

APPLICATION

711 COATING GENERALLY

- Application: 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.
- Doors, opening windows and other moving parts: Ease before coating and between coats.

712 STEEL FINISHING TO STEELWORK

Steel to dry minimum 24 hours to working hardness from spraying shop applied coats before moving or handling.

Airless spray repairs to any damage before final finish coat.

Final Finish coat to be applied after surrounding works are complete.

Protect all surrounding finish surfaces from overspray/drips/etc. during repairs and during final finish coat.

Final Finish coat to use specially cut rollers as required to ensure paint application is only in the direction of the steel. Any visible brush strokes should be minimised and only in line with the direction of the element.

Finish to be uniform and differing roller strokes to not be identifiable from adjacent in directional sunlight or artificial light.

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.

731 SITE COATING OF CONCEALED JOINERY SURFACES

- General: After priming, apply additional coatings to surfaces that will be concealed when fixed in place.
 - Components: tbc
 - Additional coatings: tbc

740 CONCEALED METAL SURFACES

- General: Apply additional coatings to surfaces that will be concealed when component is fixed in place.
 - Components: tbc
 - Additional coatings: tbc

770 EXTERNAL DOORS

- Bottom edges: Prime and coat before hanging doors.

780 BEAD GLAZING TO COATED WOOD

- Before glazing: Apply first two coats to rebates and beads.

790 PUTTY GLAZING

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

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.

End of M60