

Project No. 150457

Client: Council of the Isles of Scilly

Tender Issue 10/11/2017

STRIDE TREGLOWN
ARCHITECTURE

Carn Gwavel School

10 November 2017

This document includes:

Code	Section	Revision	Dated
M60	Painting/clear finishing		

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M60 Painting/clear finishing

To be read with Preliminaries/General conditions.

COATING SYSTEMS

- 111 EMULSION PAINT Internal walls to non circulation areas - refer to Finishes Schedules
- Manufacturer: Dulux Trade, ICI Paints AkzoNobel, Wrexham Road, Slough, Berkshire, SL2 5DS, 08444 817818, www.dulux.trade-decorating.co.uk or equal.
 - Product reference: Dulux Trade Diamond Matt or equivalent.
 - Surfaces: Skimmed plasterboard partitions, skimmed, plasterboarded blockwall walls & existing walls.
 - Preparation: As manufacturer's recommendations.
 - Initial coats: thinned by 10%.
 - Number of coats: 1.
 - Finishing coats: Diamond Matt.
 - Number of coats: 2.
 - Colours:
 - To be agreed.
- 150 EGG SHELL/ SATIN PAINT INTERNAL WALLS TO CIRCULATION AREAS
- Manufacturer: Dulux or equal approved.
 - Product reference: Dulux Trade Diamond High Performance Eggshell or equivalent.
 - Surfaces: Skimmed plasterboard partitions, skimmed, plasterboarded blockwall walls & existing walls.
 - Preparation: As manufacturer's recommendations.
 - Initial coats: As recommended by manufacturer.
 - Number of coats: -.
 - Undercoats: thinned.
 - Number of coats: 1.
 - Finishing coats: Dulux Trade Diamond High Performance Eggshell.
 - Number of coats: 2.

- 151 EGG SHELL/ SATIN PAINT To cills and skirtings - refer to Finishes Schedules
- Manufacturer: Dulux Trade, ICI Paints AkzoNobel, Wrexham Road, Slough, Berkshire, SL2 5DS, 08444 817818, www.dulux.trade-decorating.co.uk or equal.
 - Product reference: Quick Dry Dulux Trade Satinwood - Water Based..
 - Surfaces: Primed MDF.
 - Preparation: as manufacturer's recommendations.
 - Initial coats: Primer.
 - Number of coats: 1.
 - Undercoats: n/a if applied to pre-primed surfaces. Otherwise as recommended by manufacturer.
 - Number of coats: 1.
 - Finishing coats: Quick Dry Dulux Trade Satinwood - Water based.I.
 - Number of coats: 2.
 - Colours: To be agreed.
- 151A EGG SHELL/ SATIN PAINT To architraves - refer to Finishes Schedules
- Manufacturer: Dulux Trade, ICI Paints AkzoNobel, Wrexham Road, Slough, Berkshire, SL2 5DS, 08444 817818, www.dulux.trade-decorating.co.uk or equal.
 - Product reference: Quick Dry Dulux Trade Satinwood - Water Based..
 - Surfaces: Primed MDF.
 - Preparation: as manufacturer's recommendations.
 - Initial coats: Primer.
 - Number of coats: 1.
 - Undercoats: n/a if applied to pre-primed surfaces. Otherwise as recommended by manufacturer.
 - Number of coats: 1.
 - Finishing coats: Quick Dry Dulux Trade Satinwood - Water based.I.
 - Number of coats: 2.
 - Colours: Frames to be painted grey to match existing
- 152 WASHABLE EGG SHELL PAINT Internal walls in Kitchen and WCs- refer to Finishes Schedules
- Manufacturer: Dulux Trade, ICI Paints AkzoNobel, Wrexham Road, Slough, Berkshire, SL2 5DS, 08444 817818, www.dulux.trade-decorating.co.uk or equal.
 - Product reference: Dulux Trade Sterishield Diamond Eggshell.
 - Surfaces: Skimmed plasterboard partitions, skimmed, plasterboarded blockwall walls & existing walls.
 - Preparation: As manufacturer's recommendations.
 - Initial coats: thinned by 10%.
 - Number of coats: 1.
 - Finishing coats: Dulux Trade Sterishield Diamond Eggshell.
 - Number of coats: 2.
 - Colours: To be agreed.

181 FLOOR COATING FLOOR PAINT

- **Manufacturer:** Crown Paints or equal approved.
 - **Product reference:** Epimac anti slip floor paint.
- **Surfaces:** Floated Concrete.
 - **Preparation:** as clause 400.
- **Number of coats:** 2.

GENERALLY

210 COATING MATERIALS

- **Manufacturers:** Obtain materials from any of the following:
As referred to in specification or equal alternatives expressly approved by the architect.
- **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.

300 CONTROL SAMPLES

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

Types of coating	Location
M60/ 111,112,151,155,170 .	An example of each .
- **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.

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.

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.

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
- 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.
- 645 SEALING OF INTERNAL MOVEMENT JOINTS
- General: To junctions of walls and ceilings with architraves, skirtings and other trims.
 - Sealant: Water based acrylic.
 - Manufacturer: Contractor's choice.
 - Product reference: Contractor's choice.
 - 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.
 - Doors, opening windows and other moving parts: Ease before coating and between coats.

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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.

731 SITE COATING OF CONCEALED JOINERY SURFACES

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

740 CONCEALED METAL SURFACES

- General: Apply additional coatings to surfaces that will be concealed when component is fixed in place.
 - Components: all.
 - Additional coatings: 1 no primer.

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.