

**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		

## **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](http://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 EGGSHELL/ 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](http://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](http://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](http://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.

**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.