

**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
M20	Plastered/ Rendered/ Roughcast coatings		

## **M20 Plastered/ Rendered/ Roughcast coatings**

To be read with Preliminaries/ General conditions.

### **TYPES OF COATING**

#### **160A PROPRIETARY SILICONE BASED FIBRE REINFORCED RENDER SYSTEM TO EXTERNAL WALLS**

- Manufacturer: [Knauf, Connis S Top Coat].
  - System reference: [Render Only Solution - Proprietary Reinforced Basecoat with Silicone Top Coat].
- Render Carrier Board: [Knauf Aquapanel Exterior Cement Board as spec K11/486.].
  - Thickness: [12.5mm].
  - Density: [1150 +-50 kg m3].
  - Minimum compressive strength: [To manufacturers recommendations].
  - Method of fixing: [Stainless steel screw fixed to 60x47mm vertical regularised treated timber battens in accordance with manufacturers recommendations].
  - Recycled content: [n/a]
- Cavity barriers: [n/a].
  - Thickness: [n/a].
  - Density: [n/a].
  - Minimum compressive strength: [n/a].
- Beads/ Trims: [PVC].
- Construction/ Movement joints: [As required to manufacturers recommendations].
- Reinforcement: [As required to manufacturers recommendations].
  - Method of fixing: [Embed within basecoat].
- Render: [Conni S].
- Decorative finish: [1.5mm Grain].

#### **280 GYPSUM PLASTER SKIM COAT ON PLASTERBOARD**

- Plasterboard: British Gypsum 'Duraline' .
  - Preparation: Tape joints with manufactureres approved skim tape .
- Plaster: Board finish/ finish plaster to BS EN 13279-1.
  - Manufacturer: British Gypsum .
  - Product reference: Thistle MultiFinish .
  - Thickness: 3mm .
  - Finish: Smooth.
- Accessories: Skrim tape, stop and corner beads, intumescent / acoustic mastic .

### **GENERAL**

#### **510 SUITABILITY OF SUBSTRATES**

- Soundness: Free from loose areas and significant cracks and gaps.
- Cutting, chasing, making good, fixing of conduits and services outlets and the like: Completed.
- Tolerances: Permitting specified flatness/ regularity of finished coatings.
- Cleanliness: Free from dirt, dust, efflorescence and mould, and other contaminants incompatible with coatings.

#### **BACKINGS/ BEADS/ JOINTS**

**630 BEADS/ STOPS FOR INTERNAL USE**

- Material: Galvanized steel to BS EN 13658-1.

**640 BEADS/ STOPS GENERALLY**

- Location: External angles and stop ends except where specified otherwise.
- Corners: Neat mitres at return angles.
- Fixing: Secure, using longest possible lengths, plumb, square and true to line and level, ensuring full contact of wings with substrate.
  - Beads/ stops for external render: Fix mechanically.
- Finishing: After coatings have been applied, remove surplus material while still wet, from surfaces of beads/ stops exposed to view.

**659 PLASTERBOARD JOINTS**

- Joints and angles (except where coincident with metal beads). Reinforce with continuous lengths of jointing tape.

#### **INTERNAL PLASTERING**

**710 APPLICATION GENERALLY**

- Application of coatings: Firmly and in one continuous operation between angles and joints. Achieve good adhesion.
- Appearance of finished surfaces: Even and consistent. Free from rippling, hollows, ridges, cracks and crazing.
  - Accuracy: Finish to a true plane, to correct line and level, with angles and corners to a right angle unless specified otherwise, and with walls and reveals plumb and square.
- Drying out: Prevent excessively rapid or localized drying out.

**715 FLATNESS/ SURFACE REGULARITY**

- Sudden irregularities: Not permitted.
- Deviation of plaster surface: Measure from underside of a straight edge placed anywhere on surface.
  - Permissible deviation (maximum) for plaster not less than 13 mm thick: 3 mm in any consecutive length of 1800 mm.

**742 THIN COAT PLASTER**

- Preparation for plasters less than 2 mm thick: Fill holes, scratches and voids with finishing plaster.

**777 SMOOTH FINISH**

- Appearance: A tight, matt, smooth surface with no hollows, abrupt changes of level or trowel marks. Avoid water brush, excessive trowelling and over polishing.