

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
K11	Rigid sheet flooring/ sheathing/ decking/ sarking/ linings/ casings		

Project No. 150457

Client: Council of the Isles of Scilly

Signed Off **Tender Issue 10/11/2017**

K11 Rigid sheet flooring/ sheathing/ decking/ sarking/ linings/ casings

To be read with Preliminaries/ General conditions.

TYPES OF FLOORING/ SHEATHING/ DECKING/ SARKING/ LINING/ CASINGS

- 485 WALL SHEATHING To Wall type EW1
- Substrate: 140mm Timber Stud to Structural Engineers specification, Softwood chords wide enough to allow sheathing boards to abut and be adequately fixed.
 - Additional supports: If required.
 - Sheathing: WBP plywood.
 - Manufacturer: Contractor's choice.
Product reference: Contractors choice.
 - Thickness: 9.5mm.
 - Other requirements: Board to have thermal conductivity of 0.14Wm/K to achieve required u-value. .
 - Setting out: Long edges vertical and centred on supports.
 - Expansion gap between adjacent boards: In accordance with manufacturers recommendations.
 - Fixing to supports:
 - Fasteners: In accordance with manufacturer's recommendations.
 - Fixing centres (maximum):
Around board edges: 300mm ctrs.
Along intermediate supports: 300mm ctrs.
 - Fixing distance from edges (minimum): In accordance with manufacturers recommendations from bottom edge of board and In accordance with manufacturers recommendations mm from other edges.

- 817 PLYWOOD WALL SHEATHING Between lightweight metal studwork as pattrass substrate fixing for sanitaryware / services / wall fixtures / overhead door closer etc
- Drawing reference: See Partition layout and fixtures and fittings drawings.
 - Location: As described on the partition setting out drawing –fixed within partition framing zone.
 - Substrate: Lightweight metal framed partitions.
 - Additional supports: as clause K11/930
 - Sheathing: Plywood manufactured to the relevant standards and quality control procedures specified in BS 5268-2, and so marked.
 - Type: Class 1
 - Grade: II/III
 - Nominal thickness/ number of plies: 18mm.
 - Setting out: To be set out between main C stud centres to suit location of service support plates.
 - Height of sheathing: To be agreed on detailing
 - Fixing to supports:
 - Use Lafarge support plate detail fixed in accordance with their approved details.
 - Fasteners: Dry wall screws into plate
 - Fixing centres (maximum): As plate location
 - Around board edges: NA
 - Along intermediate supports: NA
 - Fixing distance from edges (minimum): NA

WORKMANSHIP

- 910 INSTALLATION GENERALLY
- Timing: Building to be weathertight before fixing boards internally.
 - Moisture content of timber supports (maximum): 18%.
 - Joints between boards: Accurately aligned, of constant width and parallel to perimeter edges.
 - Methods of fixing, and fasteners: As section Z20 where not specified otherwise.
- 930 ADDITIONAL SUPPORTS
- Additional studs, noggings/ dwangs (Scot) and battens:
 - Provision: In accordance with board manufacturer's recommendations and as follows:
 - Tongue and groove jointed rigid board areas: To all unsupported perimeter edges.
 - Butt jointed rigid board areas: To all unsupported edges.
 - Size: Not less than 50 mm wide and of adequate thickness.
 - Quality of timber: As for adjacent timber supports.
 - Treatment (where required): As for adjacent timber supports.
- 940 BOARD MOISTURE CONTENT AND CONDITIONING
- Moisture content of boards at time of fixing: Appropriate to end use.
 - Conditioning regime: Submit proposals.
- 950 MOISTURE CONTENT TESTING
- Test regime and equipment: Submit proposals.
 - Test results: Submit record of tests and results.

Project No. 150457

Client: Council of the Isles of Scilly

Signed Off **Tender Issue 10/11/2017**

960 FIXING GENERALLY

- Boards/ sheets: Fixed securely to each support without distortion and true to line and level.
- Fasteners: Evenly spaced in straight lines and, unless otherwise recommended by board manufacturer, in pairs across joints.
 - Distance from edge of board/ sheet: Sufficient to prevent damage.
- Surplus adhesive: Removed as the work proceeds.

975 METAL WALL FRAMING

- Setting out: Framing accurately aligned, vertical and securely fixed to surrounding structure at maximum 600 mm centres. All board edges supported.

976 MINERAL WOOL INSULATION TO METAL FRAMING

- Installation: Neat and secure with close butted joints and no gaps. Where insulation is not self supporting, fixed at head of frame using clips or other suitable proprietary fixings.

980 OPEN JOINTS

- Perimeter joints, expansion joints and joints between boards: Free from plaster, mortar droppings and other debris.
- Temporary wedges and packings: Removed on completion of board fixing.