

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
M50	Rubber/ plastics/ cork/ lino/ carpet tiling/ sheeting		

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M50 Rubber/ plastics/ cork/ lino/ carpet tiling/ sheeting

To be read with Preliminaries/ General conditions.

TYPES OF COVERING

130 CARPET TILING

- Location: See Finishes Schedule.
- Base: Latex levelling compound.
 - Preparation: as manufacturers recommendations.
- Fabricated underlay: N/A.
- Carpet tiles:
 - Manufacturer: Forbo Flooring UK Ltd, P O Box 1, Kirkcaldy Fife, KY1 2SB.
Tel: 0800 0282 162 Fax: 01772 646912
Email: info.flooring.uk@forbo.com. Web: www.forbo-flooring.co.uk .
Product reference: Tessara Mix.
 - Type: Textured loop pile. Random Lay. Batchless. .
 - BS EN 1307 classification:
Levels of use class: Heavy Contract 33.
Luxury rating class: -.
Additional performance properties to BS EN 1307: None.
 - Recycled content: 50%.
 - Size: 500 x 500 mm.
 - Colour/ pattern: TBA.
- Method of laying: Mix should be installed in a Random fashion.
- Accessories: Edging and cover strips, as clause 740.
- Other requirements: Adhesive: 542 Eurofix Tack Plus.

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- 150 SHEETING VINYL to Nursery Rooms and Sleep Rooms
- Location: See Finishes Schedule.
 - Base: Latex levelling compound .
 - Preparation: as manufacturers recommendations.
 - Fabricated underlay: N/A.
 - Flooring roll: Heterogeneous PVC to BS EN 651; ISO11638..
 - Manufacturer: Forbo Flooring UK Ltd, P O Box 1, Kirkcaldy Fife, KY1 2SB.
Tel: 0800 0282 162 Fax: 01772 646912
Email: info.flooring.uk@forbo.com. Web: www.forbo-flooring.co.uk .
Product reference: Forbo Sarlon Cristal 19dB.
 - BS EN ISO 10874 class: 34 / 42.
 - Slip potential:
Slip resistance value (SRV) (minimum)/ Pendulum test value (PTV) (minimum) to BS 7976-1, -2 and -3: R9.
Surface roughness (Rz) (minimum) to BS 1134: Not applicable.
 - Recycled content: 0% (minimum) to BS EN ISO 14021.
 - Width: 2000 mm.
 - Thickness: 3.4mm.
 - Colour/ pattern: TBC.
 - Adhesive (and primer if recommended by manufacturer): Eurocol 640 Eurostar Special – A superior acrylic dispersion low VOC emission adhesive with a high initial grab .
 - Seam welding: Hot welding with matching coloured rod.
 - Accessories:
 - Edging and cover strips, as clause 740
 - Skirtings, as clause 771...
 - Finishing: As clause 820 omitting polish finish.
 - Other requirements: Seek advice from Forbo for specific requirements for flooring.

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- 151 SHEETING VINYL to circulation areas
- Location: See Finishes Schedule.
 - Base: Latex levelling compound.
 - Preparation: as manufacturers recommendations.
 - Fabricated underlay: N/A.
 - Flooring roll: Heterogeneous PVC to BS EN 651; ISO11638..
 - Manufacturer: Forbo Flooring UK Ltd, P O Box 1, Kirkcaldy Fife, KY1 2SB.
Tel: 0800 0282 162 Fax: 01772 646912
Email: info.flooring.uk@forbo.com. Web: www.forbo-flooring.co.uk .
Product reference: Forbo Sarlon Cristal 15dB.
 - BS EN ISO 10874 class: 34 / 42.
 - Slip potential:
Slip resistance value (SRV) (minimum)/ Pendulum test value (PTV) (minimum) to BS 7976-1, -2 and -3: R9.
Surface roughness (Rz) (minimum) to BS 1134: Not applicable.
 - Recycled content: 0% (minimum) to BS EN ISO 14021.
 - Width: 2000 mm.
 - Thickness: 2.6mm.
 - Colour/ pattern: TBC.
 - Adhesive (and primer if recommended by manufacturer): Eurocol 640 Eurostar Special – A superior acrylic dispersion low VOC emission adhesive with a high initial grab .
 - Seam welding: Hot welding with matching coloured rod.
 - Accessories:
 - Edging and cover strips, as clause 740
 - Skirtings, as clause 771..
 - Finishing: As clause 820 omitting polish finish.
 - Other requirements: Seek advice from Forbo for specific requirements for flooring.

- 152 SHEETING VINYL to Stores, Toilets and Kitchen
- Location: See Finishes Schedule.
 - Base: Latex levelling compound.
 - Preparation: as manufacturers recommendations.
 - Fabricated underlay: N/A.
 - Flooring roll: Heterogeneous PVC to BS EN 651; ISO11638..
 - Manufacturer: Forbo Flooring UK Ltd, P O Box 1, Kirkcaldy Fife, KY1 2SB.
Tel: 0800 0282 162 Fax: 01772 646912
Email: info.flooring.uk@forbo.com. Web: www.forbo-flooring.co.uk .
Product reference: Forbo Surestep Original..
 - BS EN ISO 10874 class: 34 / 43.
 - Slip potential:
Slip resistance value (SRV) (minimum)/ Pendulum test value (PTV) (minimum) to BS 7976-1, -2 and -3: R10.
Surface roughness (Rz) (minimum) to BS 1134: =20.
 - Recycled content: 0% (minimum) to BS EN ISO 14021.
 - Width: 2000 mm.
 - Thickness: 2.0mm.
 - Colour/ pattern: TBC.
 - Adhesive (and primer if recommended by manufacturer): Eurocol 640 Eurostar Special – A superior acrylic dispersion low VOC emission adhesive with a high initial grab .
 - Seam welding: Hot welding with matching coloured rod.
 - Accessories:
 - Edging and cover strips, as clause 740
 - Skirtings, as clause 771...
 - Finishing: As clause 820 omitting polish finish.
 - Other requirements: Seek advice from Forbo for specific requirements for flooring.

GENERAL REQUIREMENTS

- 210 WORKMANSHIP GENERALLY
- Base condition after preparation: Rigid, dry, sound, smooth and free from grease, dirt and other contaminants.
 - Finished coverings: Accurately fitted, tightly jointed, securely bonded, smooth and free from air bubbles, rippling, adhesive marks and stains.
- 330 COMMENCEMENT
- Required condition of works prior to laying materials:
 - Building is weathertight and well dried out.
 - Wet trades have finished work.
 - Paintwork is finished and dry.
 - Conflicting overhead work is complete.
 - Floor service outlets, duct covers and other fixtures around which materials are to be cut are fixed.
 - Notification: Submit not less than 48 hours before commencing laying.

340 CONDITIONING

- Prior to laying: Condition materials by unpacking and separating in spaces where they are to be laid. Maintain resilient flooring rolls in an upright position. Unroll carpet and keep flat on a supporting surface.
- Conditioning time and temperature (minimum): As recommended by manufacturer with time extended by a factor of two for materials stored or transported at a temperature of less than 10°C immediately prior to laying.

350 ENVIRONMENT

- Temperature and humidity: Before, during and after laying, maintain approximately at levels which will prevail after building is occupied.
- Ventilation: Before during and after laying, maintain adequate provision.

PREPARING BASES

410 NEW BASES

- Suitability of bases and conditions within any area: Commencement of laying of coverings will be taken as acceptance of suitability.

430 NEW WET LAID BASES

- Base drying aids: Not used for at least four days prior to moisture content testing.
- Base moisture content test: Carry out in accordance with BS 5325, Annexe A or BS 8203, Annexe A.
 - Locations for readings: In all corners, along edges, and at various points over area being tested.
- Commencement of laying coverings: Not until all readings show 75% relative humidity or less.

440 SUBSTRATES TO RECEIVE THIN COVERINGS

- Trowelled finishes: Uniform, smooth surface free from trowel marks and other blemishes. Abrade suitably to receive specified floor covering material.

460 SMOOTHING/ LEVELLING UNDERLAYMENT COMPOUND

- Type: As recommended by covering manufacturer.
- Manufacturer: Forbo Flooring UK Ltd, P O Box 1, Kirkcaldy Fife, KY1 2SB.
Tel: 0800 0282 162 Fax: 01772 646912
Email: info.flooring.uk@forbo.com. Web: www.forbo-flooring.co.uk .
 - Product reference: Forbo Eurocol 902 Europlan.

LAYING COVERINGS

610 SETTING OUT TILES

- Method: Set out from centre of area/ room, so that wherever possible:
 - Tiles along opposite edges are of equal size.
 - Edge tiles are more than 50% of full tile width.

620 COLOUR CONSISTENCY

- Finished work in any one area/ room: Free from banding or patchiness.

640 ADHESIVE FIXING GENERALLY

- Adhesive type: As specified, as recommended by covering/ underlay, manufacturer or as approved.
- Primer: Type and usage as recommended by adhesive manufacturer.
- Application: As necessary to achieve good bond.
- Finished surface: Free from trowel ridges, high spots caused by particles on the substrate, and other irregularities.

650 SEAMS

- Patterns: Matched.
- Joints: Tight without gaps.

680 SEAM WELDING COVERINGS

- Commencement: At least 24 hours after laying, or after adhesive has set.
- Joints: Neat, smooth, strongly bonded, flush with finished surface.

700 LOOSE LAID CARPET TILES

- Areas of adhered tiles: Secure using double sided tape or peelable adhesive.
- Joints: Butted.
 - Perimeter joints: Accurately cut to match abutment and prevent movement.

720 DOORWAYS

- Joint location: On centre line of door leaf.

740 EDGINGS AND COVER STRIPS

- Manufacturer: Gradus or equal approved .
 - Product reference: ACS38, ACT61, ACT81, TA25 .
- Material/ finish: Mill finished aluminium .
- Fixing: Secure with edge of covering gripped. Use matching fasteners where exposed to view

771A SKIRTINGS

- Manufacturer: Gradus Accessories, Park Green, Macclesfield, Cheshire, SK11 7LZ.
Tel: 01625 428922 Fax: 01625 433939
Website: www.gradusworld.com
Email: sales@gradusworld.com
- Reference: SO 100
- Material: Flexible pvc
- Height: 100mm
- Foot Dimension: 19mm
- Colour: Almond (LRV: 38.00), Azure (LRV: 9.99), Black (LRV: 4.62), Bluebell (LRV: 11.28), Blueberry (LRV: 22.97), Brown (LRV: 7.04), Dove (LRV: 26.50), Dune (LRV: 49.67), Evergreen (LRV: 6.53), Glacier (LRV: 40.09), Granite (LRV: 10.44), Hickory (LRV: 16.10), Leaf (LRV: 31.58), Mist (LRV: 58.74), Salmon (LRV: 50.61), Snowdrift (LRV: 80.86), Stone (LRV: 19.73) (select as required)
- Fixing: Adhesive fix – as per manufacturers instructions

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COMPLETION

820 FINISHING PLASTICS FLOORING

- Cleaning operations:
 - Wash floor with water containing neutral (pH 6-9) detergent. If necessary, lightly scrub heavily soiled areas.
 - Rinse with clean water, removing surplus to prevent damage to adhesive. Allow to dry.
- Emulsion polish: Two coats of a type recommended by covering manufacturer.

880 WASTE

- Spare covering material: Retain suitable material for patching. On completion submit pieces for selection. Hand over selected pieces to Employer.