OUR TOWN HALL

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M50 NBS SPECIFICATION RUBBER/ PLASTICS/ CORK/ LINO/ CARPET TILING/ SHEETING

Document reference: OTH-PUR-TH-ZZ-SPE-A-5923

Date: 14/11/2025

Status: For Construction
Issue:09

OUR TOWN HALL PROJECT

CLAUSE SUFFIX LETTERS

This Purcell Specification is based upon the National Building Specification (NBS). The Contractor's attention is drawn to the suffix letters **A**, **B** and ***** that occur after some of the clause numbers in the work sections.

These suffix letters are used as follows:

***** is used for a new clause, not found in the NBS
A is used for an NBS clause which has been altered in the Purcell Standard Specification.
B is used for a new clause in this particular Job Specification or against an existing clause from the Purcell Standard Specification amended for this project.

No liability is accepted for the incorrect application of this convention in this Specification.

Rev	By	Description	Date	Authorised
-	VT	FOR TENDER	14/02/2020	NM
01	VT	FOR TENDER Clauses Added: - **150B** PVC-U Sheet Cladding - **160A** PVC-U Lining to Walls - **220** Samples - **251** Layout - **310** Marking - **320** Storage - **350A** Environment: Heat - **430** New Wet Laid Bases - **641B** Adhesive Fixing – By Altrofix W139 - **680 Seam Welding** - **731** Sealant - **740A** Edgings/Cover Strips Altro Silicone Joints - **740B** Edgings/Cover Strips: Accessories - **773 Abutments: General** - **73A** Abutments: Treatment to Service Preparations - **821** Finishing PVC Wall Cladding	27/03/2020	NM
02	VT	**Clauses Added:** 130A – Cover Strip 112F – Threshold Strip	16/10/2020	**NM**
03	AH	**Issued for Construction**	07/04/2022	**AB**
04	DW	**Reissued as part of updated drylining package**	19/07/2022	**AB**
05	AH	**Clause 150* and 150A amended**	14/09/2022	**AH**
06	AH	**Carpet tile specification 153* added** **Clause 112G added** **Information on floor finish thickness added** **Clause 112A floor trims amended** **Information on floor finishes added in various locations as highlighted, including 150, 150A 101, 151A, 170, 171**	07/12/2023	**AD**
07	YN	Clause 112C, 112G amended Clause 112H, 112J added Updated colour of Clause 150* & 151*	22/11/2024	**AD**
08	AH	Clause 153*updated and clause 154 added to include Cellecta board for LLCL-EWN-003826 Clause 155 added	18/07/2025	AD
09	RS	Clause 150* amended; colour reference changed to 'Shrike'	14/11/2025	MJBS

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

To be read with Preliminaries/ General conditions.

TYPES OF COVERING

112A **FLOOR TRIMS** Safety Vinyl Threshold on Timber Floor to Corridor

- Manufacturer: Schlüter-Systems Ltd.
  - Web: www.schluterspecifier.co.uk.
  - Email: pr@schluter.co.uk.
  - Product reference: VINPRO-U VPU 60 ABGB.
- Material: Brushed Antique Bronze.
- Locations: As specified on Architects drawings.

112B **FLOOR TRIM** **Linoleum/Plastic/Vinyl Threshold on Terrazzo/Mosaic to Corridor**

Manufacturer: Schlüter-Systems Ltd.

- Web: www.schluterspecifier.co.uk.
- Email: pr@schluter.co.uk.
- Product reference: [RENO-MU 10mm].
  Material: [Antique Brass].
  Locations: As specified on Architects drawings.

112C **FLOOR TRIM** Carpet Threshold to Marmoleum

- Manufacturer: Gradus Limited
  - Web: www.gradus.com
  - Product reference:
    [SFBT29/AFT3912]. Material:
    [Antique Brass].
    Locations: As specified on Architects drawings.

112D **FLOOR TRIM** Plastic Threshold on Timber Floor to Corridor
Manufacturer: Schlüter-Systems Ltd.

- Web: www.schluterspecifier.co.uk.
- Email: pr@schluter.co.uk.
- Product reference: VINPRO-U VPU 30 ABGB 3mm .
  Material: Brushed Antique Bronze.
  Locations: As specified on *Architects drawings.

112E **FLOOR TRIM** Feature Carpet Threshold to Lacquered Timber Boards (RES-01 or UPR- 01) Manufacturer: Stairrods UK Limited

- Web: https://stairrods.co.uk/
- Email: sales@stairrods.co.uk
- Product reference: Premier Single 9
  Material: Antique Brass
  Locations: As specified on Architect's drawings.

112F EDGINGS AND COVER STRIPS

- Manufacturer: Schlüter-Systems Ltd.
  - Web: www.schluterspecifier.co.uk.
  - Email: pr@schluter.co.uk.
  - Product reference: Schlüter®-RENO-T
- Material: Brass.

112G FLOOR TRIM - Tile to Carpet tile/Marmoleum/Linoleum floor threshold

Manufacturer: Schlüter-Systems Ltd.
- Web: www.schluterspecifier.co.uk.
- Email: pr@schluter.co.uk.
- Product reference: Schluter Reno MU 125
- Material: Brass
- Locations: As specified on Architect's drawings

112H FLOOR TRIM - Carpet tile to Marmoleum/Linoleum floor threshold

Manufacturer: Schlüter-Systems Ltd.
- Web: www.schluterspecifier.co.uk.
- Email: pr@schluter.co.uk.
- Product reference: Schlüter®-RENO-MTK 80
- Material: Brass
- Locations: As specified on Architect's drawings

112J FLOOR TRIMS Adjustable threshold

- Manufacturer: National Stair Nosings
  - Web: www.nationalstairnosings.co.uk/
  - Product reference: Reducer Transition for 7-26mm Floor Heights
- Colour: Anodised Gold
- Locations: As specified on Architects' drawings.
- Size: to accommodate 7-17mm floor height difference. Adjustable to fit.

112K FLOOR TRIMS Ramped Threshold

- Manufacturer: Schlüter-Systems Ltd.
  - Web: Schlüter-Systems Ltd.
  - Product reference: Reducer Transition for 7-26mm Floor Heights
- Colour: Silver
- Locations: As specified on Floor finishes drawings – To thresholds 26a
- Size: to accommodate 20mm height difference for acoustic underlay

130A EDGINGS AND COVER STRIPS

- Manufacturer: Schlüter-Systems Ltd.
  - Web: www.schluterspecifier.co.uk.
  - Email: pr@schluter.co.uk.
  - Product reference: ATK 12.5mm h.
- Material: Aluminium.

150* SHEETING MARMOLEUM

- Location: OFF-01 .
- Base: Existing Timber Floor.
  - Preparation: Timber floor board repairs. Install 6mm FG1 plywood to BS8203:2017 Annex A Sub- Floor, screw

fixed to existing floorboards.Plywood sanded to a feather edge and fill butt joint with a fibre filled compound, sanded off to give a smooth finish.

- Fabricated underlay: n/a – acoustic underlay within product
- Flooring roll: Linoleum to BS EN ISO 24011.
  - Manufacturer: Forbo Flooring Systems UK Ltd. Product reference: Forbo Marmoleum® Decibel
  - 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: Not applicable.
    Surface roughness (Rz) (minimum) to BS 1134: Not applicable.
  - Recycled content: 43%.
  - Width: 2000 mm.
  - Thickness: 3.5mm. Plywood 6mm. adhesive 2mm. total thickness 11.5mm
  - Colour/ pattern: Forbo Marmoleum® 3246 Shrike (LRV 21%)
- Adhesive (and primer if recommended by manufacturer): Eurocol 414/696 Euroflex Lino Plus.
- Seam welding: Hot welding with complementary coloured rod.
- Accessories: Edging and cover strips, as clause 740.
- Finishing: Seal and polish as clause 820.
- Other requirements: None.
  - Servicing strategy to rooms includes use of recessed floor boxes. Refer to schedule OTH-PUR-TH- ZZ-SCH-A-9593 for number of floor boxes within each rooms and refer to drawing OTH-PUR-TH- ZZ-DWG-A-5633 for details.

150A FLOORING ROLL

- Manufacturer: Forbo Flooring Systems UK Ltd.
- Base: Existing Timber Floor.
  - Preparation: Timber floor board repairs. Install 6mm FG1 plywood to BS8203:2017 Annex A Sub- Floor, screw fixed to existing floorboards.Plywood sanded to a feather edge and fill butt joint with a fibre filled compound, sanded off to give a smooth finish.
  - Web: www.forbo-flooring.co.uk.
  - Email: info.flooring.uk@forbo.com.
  - Product reference: Forbo Marmoleum® Decibel
- Thickness: 3.5mm. plywood 6mm. adhesive 2mm. total thickness 11.5mm
- Colour: Refer to OTH-PUR-TH-ZZ-RPT-A-0116 Room Types Decorations and Colour document.
- Seam welding: Hot welded with matching coloured rod.

150B PVC-U SHEET CLADDING

- Manufacturer: Altro.
  - Web: www.altro.co.uk.
  - Email: enquiries@altro.com.
  - Product reference: Altro Whiterock White
- Size: 3000 x 1220 mm W104.

151* SHEETING VINYL

- Location: Areas where welfare units have been installed and the rest of the room has floor finish to M50/150*.
- Base: Existing Timber Floor.
  - Preparation: Timber floor board repairs. Install 6mm FG1 plywood to BS8203:2017 Annex A Sub- Floor, screw fixed to existing floorboards.Plywood sanded to a feather edge and fill butt joint with a fibre filled compound, sanded off to give a smooth finish.
- Fabricated underlay: 2mm Vinylbase Acoustic.
- Flooring roll: Heterogeneous PVC to BS EN ISO 10582 and BS EN 13845.
  - Manufacturer: Forbo Flooring Systems UK Ltd.. Product reference: Forbo Surestep Original R10.
  - 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: =36.
    Surface roughness (Rz) (minimum) to BS 1134: =20 micrometres.
  - Recycled content: 20%.
  - Width: 2000 mm.

- Thickness: 2.5mm. plywood 6mm. 2mm underlay. 2mm adhesive. Total thickness: 12.5mm
- Colour/ pattern: Forbo SureStep Original Umber* 171262 (LRV 19)
- 2mm Adhesive (and primer if recommended by manufacturer): Eurocol 540 Eurosafe Special .
- Seam welding: Hot welding with complimentary coloured rod.
- Accessories: Edging and cover strips, as clause 740.
- Finishing: Seal and polish as clause 820.
- Other requirements: None.
  - Servicing strategy to rooms includes use of recessed floor boxes. Refer to schedule OTH-PUR-TH- ZZ-SCH-A-9593 for number of floor boxes within each rooms and refer to drawing OTH-PUR-TH- ZZ-DWG-A-5633 for details.

151A VINYL SHEETING

- Location: Areas where welfare units have been installed and the rest of the room has floor finish to M50/150*.
- Base: Existing Timber Floor.
  - Preparation: Timber floor board repairs. Install 6mm FG1 plywood to BS8203:2017 Annex A Sub- Floor, screw fixed to existing floorboards.Plywood sanded to a feather edge and fill butt joint with a fibre filled compound, sanded off to give a smooth finish.
- Fabricated underlay: 2mm Vinylbase Acoustic.
- Flooring roll: Heterogeneous PVC to BS EN ISO 10582 and BS EN 13845.
  - Manufacturer: Forbo Flooring Systems UK Ltd.. Product reference: Forbo Surestep Original R10.
  - 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: =36.
    Surface roughness (Rz) (minimum) to BS 1134: =20 micrometres.
  - Recycled content: 20%.
  - Width: 2000 mm.
  - Thickness: 2.5mm. plywood 6mm, underlay 2mm, adhesive 2mm. total thickness 12.55mm
  - Colour/ pattern: Refer to OTH-PUR-TH-ZZ-RPT-A-0116 Room Types Decorations and Colour document.
- 2mm Adhesive (and primer if recommended by manufacturer): Eurocol 540 Eurosafe Special .
- Seam welding: Hot welding with complimentary coloured rod.
- Accessories: Edging and cover strips, as clause 740.
- Finishing: Seal and polish as clause 820.
- Other requirements: None.
  - Servicing strategy to rooms includes use of recessed floor boxes. Refer to schedule OTH-PUR-TH- ZZ-SCH-A-9593 for number of floor boxes within each rooms and refer to drawing OTH-PUR-TH- ZZ-DWG-A-5633 for details.

152* SHEETING PLASTICS

- Location: CAT-01 and CAT-02.
- Base: Existing Timber Floor or Existing Terrazzo/Mosaic.
  - Preparation: If timber floor boards: repairs and install 6mm FG1 plywood to BS8203:2017 Annex A Sub-Floor, screw fixed to existing floorboards.Plywood sanded to a feather edge and fill butt joint with a fibre filled compound, sanded off to give a smooth finish. If terrazzo/mosaic: baseline repairs and install separating layer with self levelling screed on top..
- Fabricated underlay: .
- Flooring roll: Homogeneous PVC to BS EN 13845.
  - Manufacturer: Altro.
    Product reference: Altro Stronghold 30.
  - 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: =55 (wet).
    Surface roughness (Rz) (minimum) to BS 1134: =20 (wet).
  - Recycled content: 10%.
  - Width: 2000 mm.
  - Thickness: 3 mm. plywood at 6mm, adhesive at 2mm. total thickness 11mm
  - Colour/ pattern: Refer to OTH-PUR-TH-ZZ-RPT-A-0116 Room Types Decorations and Colour document.
- Adhesive (and primer if recommended by manufacturer): Altrofix 19 Plus.- allow 2mm
- Seam welding: Hot-welding with matching Altro Welding Rod.

- Finishing: Seal and polish as clause 820.
- Other requirements: Where the flooring is used to form the coved skirting, make certain that the wall background is smooth, clean and dry enough to allow full adhesion of the system..
  - Servicing strategy to rooms includes use of recessed floor boxes. Refer to schedule OTH-PUR-TH- ZZ-SCH-A-9593 for number of floor boxes within each rooms and refer to drawing OTH-PUR-TH- ZZ-DWG-A-5633 for details.

152B SHEET FLOORING

- Manufacturer: Altro.
  - Web: www.altro.co.uk.
  - Email: enquiries@altro.com.
  - Product reference: Altro Stronghold 30
- Colour: Refer to OTH-PUR-TH-ZZ-RPT-A-0116 Room Types Decorations and Colour document.
- Accessories: Not applicable.

153* CARPET TILE

Manufacturer: Forbo

- Web: www.forbo.com
- Product reference: Forbo Tessera Cloudscape 3414 carpet tile 500 x 500 x 7.2mm adhered with Eurocol 542 adhesive.

- Colour: Refer to OTH-PUR-TH-ZZ-RPT-A-0116 Room Types Decorations and Colour document.
- Preparation: Timber floor board repairs. Install 6mm FG1 plywood to BS8203:2017 Annex A Sub- Floor OR 20mm cellecta screed board. See Clause 154 below and drawing OTH-PUR-TH-04-DWG-A-8129 and 8131 for locations , screw fixed to existing floorboards.Plywood sanded to a feather edge and fill butt joint with a fibre filled compound, sanded off to give a smooth finish. Plywood should be primed with Forbo Eurocol 044 Europrimer Multi.
- Adhesive: allow 2mm - After primer is fully dry, proceed with the application of Eurocol 542 adhesive.
- Thickness: 7mm. 6mm plywood, 2mm adhesive. Total thickness 15mm.

154 ACOUSTIC CEMENT BONDED PARTICLEBOARD FLOORING

- Description: High conductivity, interlocking overlay floorboard
- Manufacturer: Cellecta
- Product: Screedboard 20
- Substrate: T&G Plywood deck
- Additional supports: N/A supports below ply deck
- Flooring: Cement bonded particleboard to BS EN 634-2, Class 1.
- Thickness: 20mm
- Edges: Tongued and grooved all edges.
- Setting out: Brick bond with staggered joints
- Around floor perimeter and along short edges of each board: T&G joints to be glued using Celleca Pro adhesive
- Joint treatment: T&G joints to be glued using Celleca Pro adhesive
- Expansion provision
  Clear expansion gap around perimeter of floor area and any upstands: 5mm
- Intermediate expansion/ movement joints: As recommended by flooring manufacturer.

155 SHEETING VINYL SAFETY FLOORING – FORBO SURESTEP LAGUNA

- Location: GF-020
- Base: Existing timber floor.

- Preparation: Mechanically clean base to remove contaminants; apply smoothing or moisture-tolerant compound to achieve substrate suitable for heterogeneous vinyl to BS 8204 or manufacturer's requirements.

- Fabricated underlay: Not required (product carries inherent underlay)
- Flooring roll: Heterogeneous safety vinyl to BS EN ISO 10582 and BS EN 13845.

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

- Manufacturer: Forbo Flooring Systems UK Ltd.
  Product reference: Surestep Laguna – Umber (178085)
- BS EN ISO 10874 class: 34/43.
- Thickness: Total 2.0 mm; wear layer 0.7 mm.
- Width: 2000 mm; roll length up to 27 m.
- Slip resistance:
  - DIN 51130 R10
  - BS EN 13893 DS ≥ 0.30
  - Pendulum Test Value (PTV) Wet slider 96 ≥ 36
  - Barefoot (DIN 51097): Class B
- Surface roughness Rz: ≥ 20 µm
- Reaction to fire: Bfl-s1
- Recycled content: 24%
- Colour/pattern: Umber (LRV 22)

• Adhesive (and primer if recommended):
Recommended: Eurocol 640 Eurostar Special or other adhesive per manufacturer's guidance.

• Seam welding: Hot welded with matching colored rod.
• Accessories: Edging, cover strips, skirtings etc. as clause 740.
• Finishing: Clean; seal with PUR pearl finish as per clause 820; no polish required.

160A PVC-U LINING TO WALLS

- Manufacturer: Altro.
  - Web: www.altro.co.uk.
  - Email: enquiries@altro.com.
  - Product reference: Altro Whiterock White
- Size: 3000 x 1220 mm W104.
- Thickness: 2.5mm
- Surface finish: White
- Colour: White
- Adhesive: Altro Fix W139

170* CARPETING - COMMERCIAL

- Location: Fir Out Type UPR-01.
- Base: Existing Timber Floor.
  - Preparation: Timber boards repairs.
- Carpet underlay:
  - Manufacturer: Axminster Carpets Ltd.
    Product reference: Axfelt.
  - Type: Wool felt topping, recycled weaving materials middle layer and a recycled tyre bottom layer.
  - Thickness: 10mm
  - Recycled content: 90%.
- Underlay adhesive (and primer if recommended by manufacturer): No adhesive. Underlay loose laid.
- Carpet:
  - Manufacturer: Axminster Carpets Ltd. Product reference: Ready to weave range.
  - Type: Woven Axminster.
  - Quality Reference: RTW990.
  - Tuft density (inch): 8x9.
  - Pile height above backing: 7.9mm. backing 3mm. total 10.9mm
  - Colour/ pattern: Refer to OTH-PUR-TH-ZZ-RPT-A-0116 Room Types Decorations and Colour document.
  - Bound edge with antique brass trim if inset feature carpet.
- Accessories: Floor trim at threshold, as clause 112C and 112E.
- Refer to Architect's drawings OTH-PUR-TH-GF-DWG-A-8140 to OTH-PUR-TH-04-DWG-A-8146 for setting out of carpet and whether fully fitted or feature carpet with antique brass trim to centre of room.

171* CARPETING - REPLICA

- Location: [Fit Out Type RES-01]. Base: [Existing Timber Floor].

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

- Preparation: [Timber boards repairs].
- Carpet underlay:
  - Manufacturer: [Axminster Carpets Ltd].
    Product reference: [Axfelt].
  - Type: [Wool felt topping, recycled weaving materials middle layer and a recycled tyre bottom layer].
  - Recycled content: [90%].
- Underlay adhesive (and primer if recommended by manufacturer): [No adhesive. Underlay loose laid].
- Carpet:
  - Manufacturer: [Axminster Carpets Ltd].
    Product reference: [Bespoke pattern to 1877 design - Final design to be specific to each room and agreed with Manufacturer prior to ordering].
  - Type: [Woven Axminster].
  - Quality Reference: RTW990.
  - Tuft density (inch): 8x9.
  - Pile height above backing: 7.9mm. backing 3mm. total 10.9mm
  - Colour/ pattern: [Refer to OTH-PUR-TH-ZZ-RPT-A-0116 Room Types Decorations and Colour document.]
- Accessories: [Floor trim, as clause 112E].

- Refer to Architect's Very High Significance floor plans drawings for layout and setting out.

- 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.

220 SAMPLES

- Before placing orders, submit for approval a representative sample of each type of covering. Ensure that delivered materials match samples.

250 LAYOUT - ROLL MATERIALS

- Setting out of seams: Agree setting out for sheeting types M50/ 110* .

251 LAYOUT

- Set out sheet coverings so that joints are kept to a minimum.
- Internal and external corners to be thermoformed onsite, limiting the number of joints required.

310 MARKING

- Ensure that materials are delivered to site in original packing, clearly marked with batch number.

320 STORAGE

- Store materials in a clean, warm, dry, well-ventilated place. Keep in original packing until conditioning commences.

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.

340A 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 flooring and keep flat on a supporting surface. Altro Whiterock sheets should be stored flat, fully supported and left for 24 hours.

- 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.

350A ENVIRONMENT: HEAT

- Areas where open cooking or open flame equipment is being used should comply with the following:
  - Altro Whiterock panels once installed should not be exposed to temperatures above 60 degrees Centigrade.
  - Before the testing of Kitchen equipment which is likely to expel severe heat, extraction systems must be operational. Failure to do so may result in expansion problems.
  - With the construction of a dry wall system in a kitchen area or where the area has been adapted to form a wall behind cooking ranges. Altro Walls recommends the substrate or dry wall lining should be constructed with a Calcium Silica board. Stainless steel panels should then be used to clad these areas.
  - Hot pipes and steam pipes should be insulated and a 3-5mm expansion gap should be created when installing panels around these pipes.

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.

420 EXISTING BASES

- Notification: Before commencing work, confirm that existing bases will, after preparation, be suitable to receive coverings.
- 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, AnnexeA.
  - 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.

462A SMOOTHING/ LEVELLING UNDERLAYMENT COMPOUND

- Type: As recommended by covering manufacturer.
- Manufacturer: Ardex Uk Ltd.
  - Product reference: Arditex 'NA'.
  - Apply to base at a minimum thickness of 3mm in accordance with manufacturer's product data sheet incorporating aggregate for applications more than 12mmthick.
  - Allow to dry before laying floor tiling/sheeting.
- Smoothing compound to be used only on solid floor (mosaic/screed) and only on top of separating layer, as M50 555*.

520A TIMBER BOARDING/ STRIP FLOORING

- Substrate: Boards/ strips securely fixed and acceptably level with no protruding fasteners.

555* SEPARATING LAYER

- Manufacturer: Sika-Trocal
  - Web: www.sikatrocal.co.uk
  - Email: sika-trocal@uk.sika.com
  - Product reference:Type A Polypropylene Fleece

560* PLYWOOD UNDERLAY

- Standard: An approved national standard.
- Bonding quality: To BS EN 314-2 class 1.
- Appearance: To BS EN 635 class I.
- Finish: Sanded.
- Thickness: 6 mm.
- Sheet size: 2440x1220 mm.
- Substrate: Existing floor boards securely fixed and acceptably level with no gross irregularities or protruding fasteners. Existing fasteners only to be knocked into floor boards where removal would cause more damage.
- Laying sheets: Stagger cross joints such that no joint within base and underlay is coincident and with a 0.5-1 mm gap between sheets.Plywood sanded to a feather edge and fill butt joint with a fibre filled compound, sanded off to give a smooth finish.
- Fasteners: 25 mm ringed shank or twisted shank nails or divergent staples.
  - Spacing: Commencing at centre of one side of each sheet, at 150 mm grid centres over area of each sheet and at 100 mm centres along perimeter, set in 12 mm from edge.
  - Placement: Driven with heads set flush with surface, and not projecting through undersideof base. Not deformed.

LAYING COVERINGS

620 COLOUR CONSISTENCY

- In any one area/room use only coverings from the same production batch to prevent banding or patchiness resulting from colour/flash variation.

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.

641A ADHESIVE FIXING - ALTRO SHEET FLOORING

- Place the material in position on the floor, allowing at least 25 mm each end for trimming, and overlapping at least 15 mm at joints.
- Cut-in material along joints.
- Fold (do not roll) the material back along half its length. When adhesive is ready, refold material back onto adhesive. Repeat for second half of material.
- Consult data sheet on rolling requirements.

641B ADHESIVE FIXING - BY ALTROFIX W139

- Use AltroFix W139 (Ref: A814) two-part polyurethane adhesive spread with a 5mm square notched trowel (Ref: A860).
- On application immediately apply sheet to the wall.
- Support the panel on double sided tape (Ref: A815 or A915 or welded system) whilst adhesive cures (approx. 3-5 hours - full cure 24 hours).

680 SEAM WELDING

- Do not commence welding of coverings until a minimum of 24 hours after fitting or until adhesive has completely set.
- Use Altro double sided tape (Ref: A915) applied to the wall bridging the joint to be welded. Bring the edges of the sheets to be welded together leaving a 1.5mm -2mm gap between sheets. Hot weld using hot air welding gun and Altro Whiterock welding rod. Clean off flush with sheet face to form a neat, smooth, strongly bonded joint. Recommended tool is Mozart trimming knife.
- See Altro Whiterock detail drawing W9.

720A DOORWAYS

- Joint location: On centre line of door leaf. Between interconnecting rooms only.

731 SEALANT

- Manufacturer and reference: Altro Whiterock silicone sealant (Ref: A802 white or A806 coloured) contact Altro Limited, telephone +44(0)1462 707600, fax +44(0)1462 707515, email enquiries@altro.com

740A EDGINGS/COVER STRIPS: ALTRO SILICONE JOINT

- Form a flush joint using a 3-4mm bead of Altro Whiterock silicone sealant. (Ref: A802 white, or A806 coloured).
- Internal/external corners: Altro Whiterock to be thermoformed on-site, so reducing the number of joints needed.
- Vulnerable external corners are usually over-clad with stainless steel corner protectors, to a height of 1200mm.

740B EDGINGS/COVER STRIPS: ACCESSORIES

- High impact PVCu two-part start and edge trim (Ref: A833)
- High impact PVCu single part heavy duty start and edge trim (Ref: G833).
- White powder coated aluminium 'H' joint sections (Ref: A854)
- White powder coated aluminium start and edge trim (Ref: A853/25).

750A RAMP TRIM TO BASE

- Manufacturer: Gradus Accessories, Green Park, Macclesfield, Cheshire, SK11 7LZ- Tel: 01625 428922.
  - Product reference: ELAR530 .
- Material/ finish: Mill Aluminium with slip resistant PVC insert colour to be confirmedt.
- Fixing: Secure, level and with mitred joints. Adjusted to suit thickness of covering with continuous packing strips of hardboard or plywood. Nosings and packing strips bedded in gap-filling adhesive recommended by nosing manufacturer.
  - fixing : [Mechanical (screw) and adhesive fix – as per manufacturers instructions].

750B STAIR NOSINGS AND TRIMS

- Manufacturer: Gradus Accessories, Green Park, Macclesfield, Cheshire, SK11 7LZ- Tel: 01625 428922.
  - Product reference: ADXT2R Aluminium XT Stair Edging Insert colour to be confirmed.
- Material/ finish: Mill Aluminium with slip resistant PVC insert.
- Fixing: Secure, level and with mitred joints. Adjusted to suit thickness of covering with continuous packing strips of hardboard or plywood. Nosings and packing strips bedded in gap-filling adhesive recommended by nosing manufacturer.
  - fixing : Gradus grip adhesive.

770A **SKIRTINGS** (Fit Out Type CAT-02)

- Manufacturer: Altro.
  - Web: www.altro.co.uk.
  - Email: enquiries@altro.com.
  - Product reference: Self-coved with cove former and capping seal
- Cove former: CF38R.
- Capping seal: C7WHT.
  - Securely fix to base and background.
- Turn flooring material up wall and securely bond to cove former and background, with top edge straight.
  - Accurately mitre at corners.
  - Height: Minimum 150mm
  - Top edge: Overlap by 50mm
- Approved contact adhesive by adhesive manufacturer.
- Hot weld joints and mitred corners with matching Altro welding rod. Do not chemical weld.

770B **SKIRTINGS** (Fit Out Type CAT-01)

- Manufacturer: Altro.
  - Web: www.altro.co.uk.
  - Email: enquiries@altro.com.
  - Product reference: Self-coved with cove former & captile strip C8 to Altro Whiterock
- Cove former: CF38R.
- Capping seal: C8WHITE.
  - Securely fix to base and background.
- Turn flooring material up wall and securely bond to cove former and background, with top edge straight.
  - Accurately mitre at corners.
  - Height: Minimum 150mm
  - Top edge: Overlap by 50mm

  Approved contact adhesive by adhesive manufacturer.
- Hot weld joints and mitred corners with matching Altro welding rod. Do not chemical weld.
- Seal underside of Altro Whiterock sheet using Altromastic 100 clear.

773 **ABUTMENTS: GENERAL**

- To window frame, door frames, architraves, ceiling & quarry tile - seal with Altro Whiterock silicone sealant (Ref: A802 white, or A806 coloured) 3-4mm width joint.
- See Altro Whiterock detail drawings W1, W2 and WF3.

773A **ABUTMENTS: TREATMENT TO SERVICE PREPARATIONS**

All holes to be cut to allow 3-4mm silicone seal around all penetrations. Seal with Altro Whiterock silicone sealant (Ref: A802 white

COMPLETION CLEANING

GENERALLY

- Remove all scrap, dust and dirt. Carefully remove adhesive and other marks from coverings and adjacent surfaces, using approved cleaning agents and methods.
- When cleaning the Whiterock surface, the temperature should not exceed 60 degrees Centigrade.
- Do not use cleaning materials of an abrasive nature
- Contact Altro for detailed cleaning instructions: Altro Limited, tel:+44(0)1462 707600, fax: +44 (0) 1462 707515, email: enquiries@altro.com

820 FINISHING LINOLEUM 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.

821 FINISHING PVC WALL CLADDING

- Protective film to be removed.
- When dry, apply antistatic solution to all surfaces (Ref: A809).

830 FINISHING RUBBER FLOORING

- Cleaning operations:
  - Wash floor with a cleaner recommended by covering manufacturer.
  - Wet vacuum or mop up residue.
  - Rinse with clean water. Wet vacuum or mop up and allow to dry.
- Final treatment: Follow recommendations of covering manufacture and spray buff with wetting agent or dry burnish.

880 WASTE

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