

Taylor McCarney Architects

72153 - ATU Connemara - C&J Expansion - Main Works

Architectural Specification

72153 - Main Works - ATU Connemara -
C&J Expansion

Tender Issue

P8.0

04-09-2026

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Ss_25_10_30_35 Gypsum board partition systems

Systems

Ss_25_10_30_35 (22) - IWS-01 Gypsum board partition systems Independent Acoustic Stud Wall

1. Description: Independent 100mm metal stud frame completely isolated from the 215mm blockwork wall. 2 no. 15mm Gyproc Soundbloc or equal approved fixed to room side of Gypframe 100S50 'C' metal studs at 600mm centres. Boards to be have staggered joints. 100mm Rockwool Acoustic Slab (60 kg/m³). Tecsound SY100 fixed continuously to the face of the studs (or sandwiched between plasterboard layers). Fire retardant acoustic sealant to all the perimeter Painted Gyproc skimcoat plaster finish all in accordance with manufacturer's instructions. Refer to details on DWG. 22002 and (42) series drawings for internal wall finishes.
2. System performance: [Ss_25_10_30/205 Design submittals](#); [Ss_25_10_30/207 Framed partition system design requirements](#); [Ss_25_10_30/210 Structural performance](#); [Ss_25_10_30/230 Fire performance to BS EN 13501](#); [Ss_25_10_30/240 Acoustic performance](#); [Ss_25_10_30/290 Compliance with performance requirements](#)
3. System manufacturer: Gyproc or equal approved.
4. Damp-proof course: [Pr_25_57_21_63 Polyethylene \(PE\) damp-proof courses and cavity trays](#)
5. Framing: Gypframe 100S50 'C' metal studs at 600mm centres. Gypframe 102DC60 Deep Floor & Ceiling Channel. [Pr_20_85_32_14 Carbon steel dry lining frames Gypframe](#)
6. Resilient layer: [Pr_25_57_06_54 Mineral wool resilient layer sound insulation](#); [Pr_25_57_06_71 Resilient layer insulation](#)
7. Fire separation
 - 7.1. Cavity fire barriers: [Pr_25_80_80_79 \(21\) \(68\) Sleeved mineral wool cavity barriers TCB Rockwool or equivalent approved cavity fire stopping](#)
8. Fire-stopping : Refer to fire-stopping system requirements in (68) Series drawings. Seal gaps at junctions of partitions with perimeter abutments, cavity barriers, service penetrations, etc. Prevent penetration of smoke and flame.
9. Linings
 - 9.1. Inner layers: [Pr_25_71_35_80 Sound insulation gypsum plasterboards](#)
 - 9.2. Face layer: [Pr_25_71_35_80 Sound insulation gypsum plasterboards](#) Fixed to inner layer using Green Glue Noiseproofing Compound
 - 9.3. Fasteners: [Pr_20_29_76_65 Plasterboard screws Drywall Screws](#)
10. Joint treatment: [Pr_35_31_65_34 Gypsum-based bedding compounds](#); [Pr_35_90_87_60 Paper jointing tapes](#)
11. Finish: [Pr_35_31_64_32 \(21\) \(45\) 3mm Skim Coat plasters finish](#); [Pr_35_31_22_94 \(42\)-01 Water-based finishing coats Stain Resistant Washable Paint](#)
12. Samples required: [Ss_25_10_30/305 Product samples](#); [Ss_25_10_30/605 Preliminary installation](#)
13. System accessories: [Pr_35_90_07_24 Dry lining beads](#); [Pr_30_31_76_02 \(68\) Acrylic construction joint sealants Acoustic Intumescent Sealant](#); [Pr_35_90_87_52 Metal strip-reinforced paper tapes](#)
14. Execution: [Ss_25_10_30/610 Installing framed partitions generally](#); [Ss_25_10_30/620 Installing partitions onto new concrete and screeds](#); [Ss_25_10_30/650 Installing deflection heads](#); [Ss_25_10_30/660 Installing plasterboard to metal framing](#); [Ss_25_10_30/695 Installing insulation and cavity barriers in framed partitions](#); [Pr_35_31_64/715 \(21\) Finish to plaster](#)
15. System completion: [Ss_25_10_30/805 Removal of samples](#); [Ss_25_10_30/895 Verification of performance](#)

System performance

Ss_25_10_30/205 Design submittals

1. Purpose: To demonstrate compliance with performance requirements.
For aesthetic evaluation.
2. Submittals: Typical plan, section and detail drawings at suitable scales.
3. Timing: Two weeks before manufacture.
4. Format: Drawings and specification in BIM-compliant format.

Ss_25_10_30/207 Framed partition system design requirements

1. Standard: To [BS 8000-0](#) and [BS 8212](#).
2. Materials, components and details: Use only the same as those tested and identified in assessment reports.

Ss_25_10_30/210 Structural performance

1. Strength
 - 1.1. Standards: To [BS 5234-1](#) and [BS 5234-2](#).
 - 1.2. Grade: Heavy duty (HD).
 - 1.3. Additional test requirements: Pull out resistance (Annex H). Pull down resistance (Annex J). Washbasins (Annex K). Wall cupboard (Annex L).
2. Racking strength: As per structural engineer's drawings and specifications.
3. Other requirements: Allow for weight of ceramic tiles.
Allow for weight of shelving.
Allow for weight of sanitaryware.
Allow for weight of wall-mounted furniture.
Allow for weight of cantilevered light fittings.

Ss_25_10_30/230 Fire performance to BS EN 13501

1. Fire resistance: To [BS EN 13501-2](#), as indicated on (22) series drawings or better.
2. Reaction to fire classification: To [BS EN 13501-1](#), Class A1.
3. Fire Performance Partitions Identification: Install fire performance labels to all new fire-rated partitions and existing fire performance partitions where identifiable and verified by the appropriate person.

Ss_25_10_30/240 Acoustic performance

1. Sound attenuation
 - 1.1. Standards:
 - 1.2. Weighted normalized flanking level difference Dnf, w (minimum):
2. Sound absorption
 - 2.1. Standards: Measured in accordance with [BS EN ISO 354](#) and rated in accordance with [BS EN ISO 11654](#).
 - 2.2. Sound absorption class:
3. Other acoustic requirements
 - 3.1. Weighted sound reduction index, Rw (minimum):
 - 3.2. Weighted standardized level difference, DnT,w (minimum):

Ss_25_10_30/290 Compliance with performance requirements

1. Purpose: Proof of compliance with specified performance to be provided by contractor.

2. **General requirements:** Include details of performance related to the particular elements of construction.
3. **Method**
 - 3.1. **Laboratory project testing :** For structural performance.
For fire performance.
For acoustic performance.
 - 3.2. **Previous test results:** For structural performance.
For fire performance.
For acoustic performance.
 - 3.3. **Computer simulation testing:** For structural performance.
For fire performance.
For acoustic performance.
4. **Testing authority:** *UKAS-accredited (or European equivalent).*
5. **Submissions**
 - 5.1. **Format:** Test results and certification.
Declaration of Performance.
 - 5.2. **Timing:** Before commencing installation.

Products

Pr_20_29_76_65 Plasterboard screws Drywall Screws

1. **Description:** Drywall Screws
2. **Benchmark:** Gyproc Drywall Screws
3. **Standard:** To [BS EN 14566](#).
4. **Material:** Carbon steel.
5. **Finish:** Phosphate Coated
6. **Screw type:** Self tapping, TMN.
7. **Head type:** Countersunk cross head.
8. **Length:** Varies as required by system.

Pr_20_85_32_14 Carbon steel dry lining frames Gypframe

1. **Description:** Gypframe or similar approved.
2. **Manufacturer:** Gyproc or similar approved.
3. **Standard:** To [BS EN 14195](#).
4. **Material:** Galvanized lightweight cold rolled steel.
5. **Component types**
 - 5.1. **Wall linings:** Lining channel and frame. Independent framed I stud.
 - 5.2. **Partitions:** C stud. Acoustic. I stud.
 - 5.3. **Casings, duct linings and panels:** Angle 25 x 25 mm. Lining channel. Angle 19 x 32 mm.
6. **Execution:** [Pr_20_85_32/611 Installing steel frames for linings](#)

Pr_25_57_06/310 Insulation products generally

1. **Third-party product certification:** Refer to Individual Product Literature.
2. **Evidence of compliance:** Submit copy of current certificate for proposed product.
3. **Certified effective life (minimum):** Refer to Individual Product Literature.

Pr_25_57_06_54 Mineral wool resilient layer sound insulation

1. **Description:** Acoustic Roll Insulation

2. General requirements: [Pr_25_57_06/310 Insulation products generally](#)
3. Manufacturer: Isover or similar approved
4. Standard: To [BS EN 13162](#).
5. Form: Batts.
6. Thickness (minimum): 100mm or greater. Refer to (22) Series details
7. Fire performance: *Reaction to fire classification of A1, as defined in* [BS EN 13501-1](#).

Pr_25_57_06_71 Resilient layer insulation

1. Description: Tecsound SY100 fixed continuously to the face of the studs (or sandwiched between plasterboard layers)
2. Manufacturer: [Buildtec Acoustics](#)
3. Contact details
 - 3.1. Address: Armagh Business Centre
2 Loughgall Road
Armagh
County Armagh
United Kingdom
BT61 7NH
 - 3.2. Telephone: [07570 848 410](tel:07570848410)
 - 3.3. Web: <https://buildtecacoustics.co.uk/>
 - 3.4. Email: hits@buildtec.ie
4. Product reference: [Tecsound 50, 70, 100 \(Tecsound 100\)](#)
5. Material: Tecsound polymer membrane, reinforced with non-woven polypropylene fleece and polyethylene film.
6. Density: 2010 kg/m³.
7. Thickness: 5 mm.
8. Fire performance: To EN 13501-1, B-s2,d0.
9. Sound insulation rating: To EN ISO 10140-2, 32 dB.
10. Length: 4000 mm.
11. Width: 1200 mm.
12. Mass: 10 kg/m².
13. Coverage: 4.8 m² per roll.
14. Vetolujuus: >30 N/50 mm.
15. Elongation: >500%.
16. Flexibility at low temperature: To EN 1109, -25°C.
17. Resistance to tearing: To EN 12310-1, 153–235 N/50 mm.
18. Water vapour resistance: To EN 1931, $\mu = \geq 1806$.
19. Water absorption: 0.03% (24 hours at 23°C).
20. VOC emissions: To EN 16516, $\leq 60 \mu\text{g}/\text{m}^3$.
21. Shore A hardness: 30 +/-10.
22. E modulus: 1.35637 x 1.1744 MPa.
23. Service temperature range: -10°C to +70°C.

Pr_25_57_21_63 Polyethylene (PE) damp-proof courses and cavity trays

1. Manufacturer: Submit proposals.
2. Material: Ethylene propylene diene monomer (EPDM).

3. Standard: To [BS EN 14909](#).
4. Third party certification: NSAI. Irish Board of Agrément. British Board of Agrément.
5. Execution: [Pr_25_57_21/635 Installing horizontal dpes](#); [Pr_25_57_21/605 Installing vertical dpes generally](#); [Pr_25_57_21/600 Installing sill dpes](#); [Pr_25_57_21/630 Installing ground level dpes](#); [Pr_25_57_21/665 \(21\) Installing jamb dpes at openings](#)

Pr_25_71_35_80 Sound insulation gypsum plasterboards

1. Description: Soundbloc plasterboard
2. Manufacturer: Gyproc or similar approved.
3. Standard: To [BS EN 520](#), type D.
4. Thickness (nominal): 15 mm. Refer to (22) Series details
5. Edge profile: Tapered.
6. Execution: [Pr_25_71_35/645 Joints between gypsum-based boards](#); [Pr_25_71_35/650 Seamless jointing to gypsum boards](#); [Pr_25_71_35/635 Installing additional supports](#); [Pr_25_71_35/640 Level of dry lining across joints](#); [Pr_25_71_52/605 Installing gypsum-based board](#)

Pr_25_80_80_79 (21) (68) Sleeved mineral wool cavity barriers TCB Rockwool or equivalent approved cavity fire stopping

1. Description: Vertical & Horizontal cavity fire stopping
2. Manufacturer: ROCKWOOL Ltd
3. Product Reference: ROCKWOOL TCB Cavity Barrier
4. Length: 1200 mm
5. To suit cavity width: 141 – 150 mm
6. Width: +5/10 mm cavity width
7. Cavity barriers
8. Fire performance: The Cavity Barriers have been tested and assessed for up to 60 minutes fire resistance (integrity and insulation) in accordance with BS 476: Part 20.

Pr_30_31_76_02 (68) Acrylic construction joint sealants Acoustic Intumescent Sealant

1. Description: Acoustic Intumescent Sealant
2. Manufacturer: ROCKWOOL Ltd or equivalent approved
3. Product Reference: ROCKWOOL FIREPRO Acoustic Intumescent Sealant or equivalent approved. Provide mock-up for each penetration type for approval before proceeding.
4. Standard: Tested to BS EN 1366-3: 2009 and BS EN 1366-4: 2006 +A1:2010 and classified to EN 13501-2, providing up to 4 hours fire protection in joints up to 30mm.
5. Third party certification: LPCB. IFC. Certifire
6. Fire performance : Classified to EN 13501-2, providing up to 4 hours fire protection in joints up to 30mm.
7. Execution: [Pr_30_31_76/610 Suitability of joints for sealant application Type D](#); [Pr_30_31_76/620 Joint preparation for sealant application Type F](#) The sealant should not be applied if the ambient temperature is below 5°C as adhesion may be impaired. [Pr_30_31_76/630 \(21\) Applying joint sealants](#)
8. System completion:: [Ss_30_40_30/890 Verification of performance Type E](#)

Pr_35_31_22_94 (42)-01 Water-based finishing coats Stain Resistant Washable Paint

1. **Description:** Dulux Diamond Eggshell or equivalent stain resistant and scrubbable water-based eggshell finish paint.
2. **Manufacturer:** Dulux Paints or equivalent approved.
3. **Contact details**
 - 3.1. **Address:** Dulux Paints
Commons Road
Cork
Ireland
T23 ET21
 - 3.2. **Web:** www.dulux.ie
4. **Product reference:** [TS816 Water Based Acrylic Topcoat](#)
5. **Composition:** Acrylic copolymer.
6. **Sheen:** Eggshell.
7. **Colour:** To Architect's approval through sampling
8. **Form:** Liquid.
9. **Execution:** [Pr_35_31_22/703 \(21\) Applying Coating for Wall Paints](#)

Pr_35_31_64_32 (21) (45) 3mm Skim Coat plasters finish

1. **Description:** Skim Coat Plaster
2. **Benchmark:** Gyproc Thistle Multi Finish
3. **Standard:** To [BS EN 13279-1](#).
4. **Classification:** B1/20/2.
5. **Execution:** [Pr_35_31_64/620 \(21\) Preparation for thin coat plaster](#); [Pr_35_31_64/715 \(21\) Finish to plaster](#)

Pr_35_31_65_34 Gypsum-based bedding compounds

1. **Description:** Bedding compound for filling of plasterboard joints.
2. **Manufacturer:** Gyproc or similar approved.
3. **Category:** To [BS EN 13963](#), Type 1A.

Pr_35_90_07_24 Dry lining beads

1. **Description:** Corner, arch, edge and architrave beads for dry lining, drywall and skim plastering applications.
2. **Manufacturer:** Submit proposals
3. **Material:** Aluminium.
4. **Form:** Angle bead. Edging bead. Corner movement bead. Movement bead.
5. **To suit plasterboard thickness:** As per (22) series details
6. **Finish:** Galvanized.
7. **Execution:** [Pr_35_90_07/650 \(21\) \(22\) Installing beads](#)

Pr_35_90_87_52 Metal strip-reinforced paper tapes

1. **Description:** Paper joint tape bonded to two corrosion-resistant metal strips for reinforcing internal or external angles, in plasterboard wall and ceiling lining and partition systems that are not 90 degrees.
2. **Manufacturer:** Submit proposals.

3. Fire performance
 - 3.1. Reaction to fire: To [BS EN 13501-1](#), Class A1.
4. Material: Reinforced cross-fibre paper.
5. Width: 70 mm.

Pr_35_90_87_60 Paper jointing tapes

1. Description: Paper Jointing Tape for Gypsum Plasterboard Reinforcement.
2. Benchmark: Gyproc Joint Tape
3. Fire performance
 - 3.1. Reaction to fire: Type 1B: A1
Type 3A: A2s1 d10
4. Standard: To [BS EN 13963](#)
5. Width: 50 mm.

Ss_25_10_30/305 Product samples

1. Manufacturer: Gyproc or similar approved.
2. Submittals: 3x3metre partition including a door and all necessary accessories
3. Purpose: For use as a reference sample.
4. Labelling: Clearly label all submitted samples.
5. Timing: *Before ordering for project.*

Execution

Pr_20_85_32/611 Installing steel frames for linings

1. Setting out
 - 1.1. General: Accurately align framing, setting studs vertically.
 - 1.2. Frame centres (maximum): 600mm
 - 1.3. At openings: Maintain sequence.
 - 1.4. Additional frames: At corners and board edges.
2. Unbraced height (maximum): As per manufacturer's instructions.
3. Openings
 - 3.1. General: Form accurately.
 - 3.2. Doorsets: Provide sleeved or boxed metal studs and/ or suitable timber framing to achieve strength grade requirements for framing assembly and adequately support weight of door.
 - 3.3. Services penetrations: Allow for associated fire stopping.
4. Studs
 - 4.1. Cavity between wall and studs (minimum): As per (22) series drawings
 - 4.2. Bracket centres (maximum): 600mm
 - 4.3. Perimeter framing: Fix securely to supporting structures at maximum 600 mm centres.
 - 4.4. Intermediate bracing: Permitted at mid height.

Pr_25_57_21/600 Installing sill dpcs

1. Form and placement: In one piece. Turn up at back when sill is in contact with inner leaf.

Pr_25_57_21/605 Installing vertical dpcs generally

1. Form: In one piece wherever possible.

2. **Joints:** Upper part overlapping lower at least 100 mm.

Pr_25_57_21/630 Installing ground level dpcs

1. **Joint with damp proof membrane:** Continuous. Seal effectively.

Pr_25_57_21/635 Installing horizontal dpcs

1. **Placement:** In continuous lengths on full, even bed of fresh mortar, with 100 mm laps at joints and full laps at angles.
2. **Width:** At least full width of leaf unless otherwise specified. Do not cover edges of dpc with mortar or project into cavity.
3. **Overlying construction:** Immediately cover dpc with full even bed of mortar to receive next masonry course.
4. **Overall finished joint thickness:** As close to normal as practicable.

Pr_25_57_21/665 (21) Installing jamb dpcs at openings

1. **Joint with cavity tray:** Full underlap.
2. **Joint with lintel at head:** Full underlap.
3. **Joint with sill:** Full overlap.
4. **Joint with horizontal dpc at base:** Full overlap.
5. **Projection into cavity (minimum):** 25 mm.
6. **Relationship with frame:** In full contact.

Pr_25_71_35/635 Installing additional supports

1. **Support to board edges and perimeters:** At board edges and lining perimeters, as recommended by board manufacturer to suit type and performance of lining
2. **Fixtures and fittings:** For all fixtures, fittings and service outlets, mark framing positions clearly and accurately on linings. Accurately position all additional framing and fix securely.

Pr_25_71_35/640 Level of dry lining across joints

1. **Sudden irregularities:** Not permitted.
2. **Joint deviations**
 - 2.1. **General:** Measure from faces of adjacent boards using methods and straight edges (450 mm long with feet/ pads) to [BS 8212](#).
 - 2.2. **Tapered edge joints:** 3 mm maximum permissible deviation across joints when measured with feet resting on boards.
 - 2.3. **External angles:** 4 mm maximum permissible deviation for both faces.
 - 2.4. **Internal angles:** 5 mm maximum permissible deviation for both faces.

Pr_25_71_35/645 Joints between gypsum-based boards

1. **Surfaces exposed to view:** Horizontal joints not permitted. Seek instructions from design coordinator if partition height exceeds maximum available board dimensions.
2. **Multilayer boarding:** Stagger joints between layers by at least 600 mm.
3. **Board edges:** Support with additional framing. In multi-layer boarding, support edges of outer layer.
4. **Joints:** Centre on studs. Stagger joints on opposite sides of studs. In multi-layer boarding, stagger joints between layers.
5. **Edge profile**
 - 5.1. **Tapered:** Butt

- 5.2. Round: Butt
- 5.3. Square: 3mm
- 5.4. Cut or unbound edges: 3 mm gap.
- 6. Finish: Tape and fill.

Pr_25_71_35/650 Seamless jointing to gypsum boards

- 1. Cut edges of boards: Lightly sand to remove paper burrs.
- 2. Filling and taping: Fill joints, gaps and internal angles with jointing compound and cover with continuous lengths of paper tape, fully bedded.
- 3. Protection of edges and corners: Reinforce external angles, stop ends, etc. with specified edge/angle bead.
- 4. Finishing: Apply jointing compound. Feather out each application beyond previous application to give a flush, smooth, seamless surface.
- 5. Nail and screw depressions: Fill with jointing compound to give a flush surface.
- 6. Minor imperfections: Remove by light sanding.

Pr_25_71_52/605 Installing gypsum-based board

- 1. General: Use fixing, jointing, sealing and finishing installation methods recommended by board manufacturer.
- 2. Cutting plasterboard: Neat and accurate. Do not damage core or tear paper facing.
- 3. Cut edges: Minimize. Position at internal angles wherever possible. Mask with bound edges of adjacent boards at external corners.
- 4. Fixing boards: Securely, to suitably prepared and accurately levelled backgrounds.
- 5. Finishing: Neat. Provide flush, smooth, flat surfaces free from bowing and abrupt changes of level.

Pr_30_31_76/610 Suitability of joints for sealant application Type D

- 1. Joint dimensions: Within limits specified for the sealant.
- 2. Substrate quality: Surfaces regular, undamaged and stable.
- 3. Joints not fit to receive sealant: Submit proposals for rectification.

Pr_30_31_76/620 Joint preparation for sealant application Type F

- 1. Surfaces to which sealant must adhere: Remove temporary coatings, tapes, loosely adhering material, dust, oil, grease, surface water and contaminants that may affect bond.
- 2. Cleaning: Use materials and methods recommended by sealant manufacturer.
- 3. Vulnerable surfaces adjacent to joints: Do not stain or smear with primer or sealant.

Pr_30_31_76/630 (21) Applying joint sealants

- 1. Substrate: As recommended by sealant manufacturer. Dry and unaffected by frost, ice or snow.
- 2. Environmental conditions: Do not dry or raise temperature of joints by heating.
- 3. Sealant application: Completely and neatly fill joints. Provide firm adhesion to substrates.
- 4. Sealant profiles
 - 4.1. Butt and lap joints: Slightly concave.
 - 4.2. Fillet joints: Flat.
- 5. Protection: Do not contaminate or damage finished joints.

Pr_35_31_22/703 (21) Applying Coating for Wall Paints

- 1. Initial coats

- 1.1. Number of coats: One.
- 1.2. Thinning: In accordance with manufacturer's instructions.
- 1.3. Application: Brush. Roller. Spray. In accordance with manufacturer's instructions.
2. Undercoats
 - 2.1. Number of coats: One.
 - 2.2. Application: Brush. Roller. Spray. In accordance with manufacturer's instructions.
3. Finishing coats
 - 3.1. Number of coats: Two.
 - 3.2. Application: Brush. Roller. Spray. In accordance with manufacturer's instructions.

Pr_35_31_64/620 (21) Preparation for thin coat plaster

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

Pr_35_31_64/715 (21) Finish to plaster

1. Finish: Smooth.
2. Appearance
 - 2.1. Smooth finish
 - 2.1.1. Generally: A tight, matt, smooth surface with no hollows, abrupt changes of level or trowel marks. No crazing.
 - 2.1.2. Standard of finish: To [BS EN 13914-2](#), level 4.
 - 2.2. Wood float finish: An even overall texture. Finish with a dry wood float as soon as wet sheen has disappeared.
 - 2.3. Textured and patterned finishes: Consistent and even. Carry out work on each surface as one continuous operation.

Pr_35_90_07/650 (21) (22) Installing beads

1. Cutting: Neatly using mitres at return angles.
2. Fixing: Securely using longest possible lengths, plumb, square and true to line and level, ensuring full contact of wings with substrate.
3. Finishing: After joint compounds/ plasters have been applied, remove surplus material while still wet from surfaces of beads exposed to view.

Ss_25_10_30/605 Preliminary installation

1. Installation requirements: Complete an area of partition in an agreed location.
2. Purpose: For use as an installation reference sample.
3. Position: Area to be confirmed on-site with the Architect.
4. Features to be included: Full-height and to both sides, to include doors and corners.
5. Timing: Construct and obtain approval of appearance before proceeding with general installation. Retain undisturbed until completion of partition installation.

Ss_25_10_30/610 Installing framed partitions generally

1. Standard: To [BS 8000-0](#) and [BS 8212](#).
2. Deviations and tolerances
 - 2.1. Vertical deviation (maximum): ± 5 mm measured above or below the setting out position, in accordance with [BS 8212](#), clause 3.3.2.
 - 2.2. Horizontal deviation (maximum): ± 3 mm measured at the setting out level (ceiling or floor), in accordance with [BS 8212](#), clause 3.3.2.

- 2.3. **Finished surfaces:** Maximum deviation band of 10 mm in accordance with [BS 8212](#), clause 3.3.3.

Ss_25_10_30/620 Installing partitions onto new concrete and screeds

1. **Dpcs**
 - 1.1. **General:** Lay loose onto concrete or screed under full width and length of partition sole plates.
 - 1.2. **Laps (minimum):** Lapped by min. 150 mm and bonded to create an impervious seal.
 - 1.3. **Abutments:** Turn up a minimum of 150 mm where partition frames abut perimeter walls.
2. **Wall linings:** Gyproc partition lining to be kept short of floor by 2mm (min.) where new concrete slabs or floor screeds are installed. Gap to be filled with gyproc jointing material to maintain acoustic and fire performance prior to installation of second fix joinery or edge trims.

Ss_25_10_30/650 Installing deflection heads

1. **Deflection head detail:** Concealed deflection head.
2. **Head movement allowance:** Allowance must be made for expansion of studs and, in some cases, for deflection of the construction above the partition. Seek manufacturer's written advice.
3. **Fixing:** Do not fix boards to head framing channels. Do not fix head framing directly to soffit linings or metal decking.

Ss_25_10_30/660 Installing plasterboard to metal framing

1. **Wall linings:** Fix securely.
2. **Fixing centres (maximum)**
 - 2.1. **Single layer boarding:** 300 mm centres generally and 200 mm centres at external angles.
3. **Multilayer boarding:** Inner layers at 300 mm centres round perimeters; face layer at 300 mm centres.
4. **Fixing positions:** Position screws 10 mm minimum from edges of boards.
5. **Screw heads:** Set in a depression. Do not break paper or gypsum core.

Ss_25_10_30/695 Installing insulation and cavity barriers in framed partitions

1. **Insulation**
 - 1.1. **Fitting:** Secure with closely butted joints and no gaps.
 - 1.2. **Rigid insulation:** Fit tightly between studs.
2. **Non-rigid insulation :** Fix at head of frame using timber battens or metal clips.
3. **Cavity barriers**
 - 3.1. **Generally:** Form accurately with no gaps at joints and perimeters. Mechanically fix securely across full width of cavity.
 - 3.2. **Fire-rated partitions:** Include cavity barriers to ceiling or floor void above, below or between partitions. Provide same rating for barrier as partition.
 - 3.3. **Junctions:** Seal perimeter abutments, service penetrations, etc. Prevent penetration of smoke and flame.

System completion

Ss_25_10_30/805 Removal of samples

1. **Items for removal:** Control samples. Product samples.
2. **Timing:** At project completion.

Ss_25_10_30/895 Verification of performance

1. **Requirements:** Contractor to check completed system and provide assurance of compliance with specified performance.
2. **Submissions**
 - 2.1. **Format:** Description of inspections, remedial works carried out and certification of compliance.
 - 2.2. **Timing:** At completion of installation.
At project completion.

Ss_30_40_30/890 Verification of performance Type E

1. **Requirement:** Check completed system and provide assurance of compliance with specified performance.

Ancillary Certificates for BCAR completion

2. **Submittals**
 - 2.1. **Format:** Description of inspections, remedial works carried out and certification of compliance.
 - 2.2. **Timing:** At completion of installation

Ω End of System

Ss_30_42_72_10 Carpet tile systems

Systems

Ss_30_42_72_10 (43)-01 Carpet tile systems Carpet Tile - Norament Interface - Employ

1. Description: Carpet Tile - Norament Interface - Employ or equivalent approved
2. System performance: [Ss_30_42_72/206 Design submittals](#); [Ss_30_42_72/241 Fire performance](#); [Ss_30_42_72/291 Compliance with performance requirements](#)
3. System manufacturer:
4. Preparation
 - 4.1. Base: [Ss_30_42_72/631 Assessing suitability of bases](#)
 - 4.2. Prior to flooring: [Ss_30_42_72/610 Condition of building and notification of commencement](#); [Ss_30_42_72/615 Conditioning of flooring prior to laying](#)
 - 4.3. Environmental conditions: [Ss_30_42_72/621 Environmental conditions before, during and after laying](#)
5. Smoothing and levelling underlayment compound: [Pr_35_31_06_80 Smoothing and levelling underlay compounds Self Levelling Compound](#); [Pr_35_31_06_80 Smoothing and levelling underlay compounds Heavy Duty Self Levelling Compound](#)
6. Primer: To manufacturer's written instructions
7. Carpet tiles
 - 7.1. Type: [Pr_35_57_11_62 \(43\)-01 Pile carpet tiles Norament Interface - Employ](#)
 - 7.2. Third party certification: In accordance with the Carpet Foundation suitability factor.
8. Fixing: To manufacturer's written instructions
9. System accessories: To manufacturer's written instructions
10. Samples required: [Ss_30_42_72/306 Product samples](#)
11. Execution: [Ss_30_42_72/681 Layout – setting out seams](#); [Ss_30_42_72/686 Layout – setting out patterns](#); [Ss_30_42_72/696 Colour consistency](#); [Ss_30_42_72/750 Fixing edgings and cover strips](#); [Ss_30_42_72/745 Joints at doorways](#)
12. System completion: [Ss_30_42_72/800 Trafficking after laying](#); [Ss_30_42_72/821 Spare material](#); [Ss_30_42_72/831 Underfloor heating after laying](#); [Ss_30_42_72/896 Verification of performance](#)

System performance

Ss_30_42_72/206 Design submittals

1. Detailed design
 - 1.1. Requirement: Complete the design of the system.
 - 1.2. Purpose: To demonstrate compliance with performance requirements. For aesthetic evaluation.
 - 1.3. Submittals: Typical plan, elevation and section drawings at suitable scales.
 - 1.4. Timing: Before ordering for project.
 - 1.5. Format: Drawings and specification in BIM-compliant format.

Ss_30_42_72/241 Fire performance

1. Flammability
 - 1.1. Standard: To [BS 4790](#).
 - 1.2. Classification: (EN ISO 9239-1) Euroclass Bfl-s1 (EN 13501-1)

2. Reaction to fire

2.1. Standard: To [BS EN 13501-1](#).

Ss_30_42_72/291 Compliance with performance requirements

1. Requirements: Proof of compliance with specified performance.

2. Method

2.1. [Laboratory project testing](#) : For antistatic performance. For acoustic performance. For slip resistance performance.

2.2. [Previous test results](#): For antistatic performance. For acoustic performance. For slip resistance performance.

2.3. [Computer simulation testing](#): For antistatic performance. For acoustic performance. For slip resistance performance.

3. Testing authority: UKAS accredited (or European equivalent).

4. Submissions

4.1. Format: Test results and certification.

4.2. Timing: Before commencing installation.

Products

Pr_35_31_06_80 Smoothing and levelling underlay compounds Heavy Duty Self Levelling Compound

1. Description: Stopgap 300HD Self smoothing compound

2. Manufacturer: F. Ball and Co. Ltd.
Churnetside Business Park, Station Road,
Cheddleton, Leek,
Staffordshire
ST13 7RS, UK

3. Material: STOPGAP 300 is a fast drying self-levelling smoothing underlayment suitable for use in light to heavy-duty areas for preparing sound absorbent and non-absorbent subfloors prior to the installation of new floorcoverings

Pr_35_31_06_80 Smoothing and levelling underlay compounds Self Levelling Compound

1. Description: Specification for levelling compound for carpets generally.

2. Manufacturer: Ball, F and Co Ltd

3. Material: Stopgap Red Bag (Stopgap P131 Primer).

Pr_35_57_11_62 (43)-01 Pile carpet tiles Norament Interface - Employ

1. Description:

2. Manufacturer: [Interface Europe Ltd, t/a Interface](#)

3. Contact details

3.1. Address: 10th Floor, The Colmore Building
20 Colmore Circus
Queensway
Birmingham
B4 6AT

3.2. Telephone: [+44 \(0\)8003134465](tel:+44(0)8003134465)

3.3. Web: www.interface.com

3.4. Email: ukcustomerservices@interface.com

4. Product reference: Norament Interface - Employ. To Architect's approval through sampling.
5. Style: Employ Collection
6. Product Construction:: Tapestry Tufted Patterned Structured Loop Pile
7. Classification
 - 7.1. Standard: To [BS EN 1307](#).
 - 7.2. Level of use class: EN 1307 33 Heavy Contract
 - 7.3. Flammability:: (EN ISO 9239-1) Euroclass Bfl-s1 (EN 13501-1)
 - 7.4. Light Fastness:: ≥7 (ISO 105-B02)
 - 7.5. Dimensional Stability:: ≤0.2% (ISO 2551/EN 986)
 - 7.6. Castor Chair Rating:: ≥2.4 (EN 985) Continuous Use
8. Recycled content: 84%
9. Size: 500 x 500 mm

Ss_30_42_72/306 Product samples

1. Manufacturer: As per flooring manufacturer.
2. Purpose: For use as a reference sample.
3. Labelling: Clearly label all submitted samples.
4. Timing: Before ordering for project

Execution

Ss_30_42_72/610 Condition of building and notification of commencement

1. Condition of works before laying materials
 - 1.1. Building envelope: Weathertight and well dried out.
 - 1.2. Wet trades: Finished.
 - 1.3. Paintwork: Finished and dry.
 - 1.4. Conflicting overhead work: Complete.
 - 1.5. Floor service outlets, duct covers and associated fixtures: Fixed, where materials are to be cut.
2. Notification prior to laying floor coverings (minimum): 48 hours.

Ss_30_42_72/615 Conditioning of flooring prior to laying

1. Standards: To [BS 8203](#) and [BS 5325](#).
2. General
 - 2.1. Before laying: Condition materials by unpacking and separating in spaces where they are to be laid.
 - 2.2. Resilient flooring rolls: Maintain in an upright position.
 - 2.3. Carpet: Unroll and keep flat on a supporting surface.
3. Conditioning time and temperature (minimum)
 - 3.1. Generally: As recommended by manufacturer.
 - 3.2. Materials stored or transported at a temperature below 10°C immediately before laying: Extend time by a factor of two.

Ss_30_42_72/621 Environmental conditions before, during and after laying

1. Temperature and humidity: Maintain approximately at levels which will prevail after building is occupied.
2. Ventilation: Adequate.

3. Underfloor heating before laying: Turn off at least 48 hours before start of laying.

Ss_30_42_72/631 Assessing suitability of bases

1. Existing bases
 - 1.1. Notification: Before commencing work, confirm that existing bases will, be suitable to receive coverings.
 - 1.2. Suitability of bases and conditions within any area: Do not lay coverings on unsuitable bases and in unsuitable conditions.
2. New wet-laid bases
 - 2.1. Base drying aids: Do not use for at least four days before moisture content testing.
 - 2.2. Base moisture content: Test in accordance with BS 5325, Annexe A or BS 8203, Annexe A.
 - 2.3. Locations for readings: In all corners, along edges, and at regular centres over general areas being tested.
 - 2.4. Laying coverings: Do not start until all readings show 75% relative humidity or less.
3. Trowelled finishes: Uniform, smooth surface free from trowel marks and other blemishes. Abrade suitably to receive floor covering material.

Ss_30_42_72/681 Layout – setting out seams

1. Setting out of seams: Seams should be unobtrusive, kept to a minimum and positioned so that, where possible:
 - They run the length of an area.
 - Traffic runs along rather than across them.
 - Incident light does not strike across them.
 - They are away from areas subject to heavy or twisting wear, doorways, stair nosings, or areas of narrow access.

Ss_30_42_72/686 Layout – setting out patterns

1. Setting out: To be agreed with Architect on-site prior to installation.

Ss_30_42_72/696 Colour consistency

1. Appearance in any one area or room: Free from banding or patchiness.

Ss_30_42_72/745 Joints at doorways

1. Joint location: On centre line of door leaf.

Ss_30_42_72/750 Fixing edgings and cover strips

1. Fixing: Secure with edge of covering gripped. Use matching fasteners where exposed to view.

System completion

Ss_30_42_72/800 Trafficking after laying

1. Covering: Floor protection sheets as deemed appropriate for location and use.
2. Traffic free period (minimum): To manufacturer's guidance.

Ss_30_42_72/821 Spare material

1. Spare material to be supplied: As per specification clause.
2. Quantity: To be agreed with Client.

3. **Timing:** At completion.

Ss_30_42_72/831 Underfloor heating after laying

1. **Start up of heating system after laying:** Slowly return heating to its operative temperature minimum 48 hours after completing laying.

Ss_30_42_72/896 Verification of performance

1. **Requirements**

1.1. **Submissions**

- 1.1.1. **Format:** Description of inspections, remedial works carried out and certification of compliance.
- 1.1.2. **Timing:** At completion.

Ω End of System

Pr_35_57_71_46 Marmoleum Sheets

Products

Pr_35_57_71_46 (43)-02 Marmoleum Sheets Forbo Marmoleum Ohmex - Anti Static

1. Description: Specification for Anti-Static Linoleum Sheets Generally.
2. Manufacturer: Forbo or Equivalent Approved.
3. Benchmark: : Forbo Marmoleum Ohmex or Equivalent Approved.
4. Standard: To [BS EN 14041](#) and [BS EN ISO 24011](#).
5. Slip potential
 - 5.1. Slip resistance value (SRV) (minimum)/ Pendulum test value (PTV) (minimum): R9
6. Width: 200 cm Roll Width
7. Thickness: 2.5mm
8. Colour and pattern: From standard range to Architect's approval through sampling

Ω End of Product

Pr_35_90_43_98 Softwood Skirtings

Systems

Ss_40_90_60_95 Waterborne paint systems Interior Wood

1. Description: Specification for Paint Finish to Timber Skirtings & Architraves.
2. System manufacturer: Dulux or Equivalent Approved
3. Preparation: To manufacturers recommendations.
4. Undercoats: [Pr_35_31_66_99 Waterborne undercoats Interior Wood - Satinwood](#)
5. Finishing coats: [Pr_35_31_22_94 Water-based finishing coats Paint finish - Easycare Satinwood](#)
6. Execution: [Ss_40_90_60/607 Wet paint signs](#); [Ss_40_90_60/603 Handling and storage of coating materials](#); [Ss_40_90_60/620 Preparation for coating systems generally](#); [Ss_40_90_60/640 Preprimed wood](#); [Ss_40_90_60/643 Uncoated wood](#)

Products

Ac_05_50_91/340 Timber sourcing

1. Description: Specification for Timber Sourcing Generally.
2. Timber source
 - 2.1. General requirements: Obtain from well managed forests and/ or plantations.
 - 2.2. Legality and sustainability: Obtained from sources in compliance with the [SI: Timber and timber products \(placing on the market\) regulations](#).
 - 2.3. Documentation to be submitted: Documentary evidence that confirms the timber supplier is a member of an approved certification scheme and that the timber and wood derived products delivered to site has full chain of custody.
3. Certification scheme: [Programme for the Endorsement of Forest Certification \(PEFC\)](#).
4. Timing of submissions: Prior to supplier order acceptance, confirm all timber and timber products can be procured in accordance with this specification.

Pr_35_31_22_94 Water-based finishing coats Paint finish - Easycare Satinwood

1. Description: Specification for Finish Coat paint to Interior Wood.
2. Manufacturer: Dulux or Equivalent Approved
3. Product Reference:: Easycare Satinwood
4. Composition: Water based finish for Interior Wood & Metal
5. Sheen: Satin.
6. Colour: Colour to Architects Selection.
7. Execution: [Pr_35_31_22/703 Applying coating Interior Wood](#)

Pr_35_31_66_99 Waterborne undercoats Interior Wood - Satinwood

1. Description: Specification for Undercoats to Interior Wood.
2. Manufacturer: Dulux or Equivalent Approved
3. Product Reference:: Easycare Satinwood.
4. Composition: Water based finish for Interior Wood & Metal
5. Colour: As recommended for finish coat colour.

Pr_35_90_43_98 (43)-SK01 Softwood Skirtings Painted Softwood

1. Description: Timber skirtings generally
2. General requirements: [Ac_05_50_91/340 Timber sourcing](#)
3. Manufacturer: Contractors Choice
4. Standard: To [BS 1186-3](#). To [BS EN 942](#).
5. Species: European whitewood.
6. Appearance class: To [BS EN 942](#), class J2.
7. Moisture content at time of fixing: 6–10%.
8. Preservative treatment: Water-based microemulsion, service life 30 years.
9. Paint Finish:: [Ss_40_90_60_95 Waterborne paint systems Interior Wood](#)
10. Fire rating: N/A
11. Profile: As per Architects details. Submit sample for approval
12. Finished size: As per Architects details. Submit sample for approval
13. Finish as delivered: Prepared and primed.
14. Execution: [Pr_35_90_43/606 Installing wood architraves, skirtings, mouldings and trims](#)

Execution

Pr_35_31_22/703 Applying coating Interior Wood

1. Undercoats
 - 1.1. Number of coats: One.
 - 1.2. Application: Brush. Roller.
2. Finishing coats
 - 2.1. Number of coats: One.
 - 2.2. Application: Brush. Roller.

Pr_35_90_43/606 Installing wood architraves, skirtings, mouldings and trims

1. Lengths: Unjointed between angles or ends of runs.
2. Running joints: Submit proposals for location and method of jointing where unavoidable.
3. Angle joints: Mitred.
4. Conditioning regime: During delivery, storage, fixing and to handover maintain conditions to suit specified moisture contents of timber components.
5. Environmental conditions: Do not fix when ambient temperature is at or below 0°C, or above 30°C.
6. Fixing
 - 6.1. General: Fix securely.
 - 6.2. Secret fixing: Hardwood Skirting - Plug, screw and flush pellet.
Softwood Skirtings - Secret nailed, first and last rows surface nailed.
 - 6.3. Surface fixing: Face nailed.
 - 6.4. Exposed nail heads: Neatly punch below surface.

Ss_40_90_60/603 Handling and storage of coating materials

1. Coating materials: Deliver in sealed containers, labelled clearly with brand name, type of material and manufacturer's batch number.
2. Materials from more than one batch: Store separately. Allocate to distinct parts or areas of the work.

Ss_40_90_60/607 Wet paint signs

1. Requirement: Provide where necessary.

Ss_40_90_60/620 Preparation for coating systems generally

1. Standard: In accordance with [BS 6150](#).
2. Substrates: Sufficiently dry in depth to suit coating.
3. Suspected existing hazardous materials: Prepare risk assessments and method statements covering operations, disposal of waste, containment and reoccupation, and obtain approval before commencing work.
4. Efflorescence salts: Remove.
5. Dirt, grease and oil: Remove.
6. Contamination of surfaces and substrates : Give notice.
7. Surface irregularities: Remove.
8. Joints, cracks, holes and other depressions: Fill flush with surface. Provide smooth finish.
9. Dust, particles and residues from preparation: Remove and dispose of safely.
10. Oil-based stoppers and fillers: Apply after priming.

Ss_40_90_60/640 Preprimed wood

1. Areas of defective primer: Take back to bare wood and reprime.

Ss_40_90_60/643 Uncoated wood

1. General: Provide smooth, even finish with arrises and moulding edges lightly rounded or eased.
2. Heads of fasteners: Countersink sufficient to hold stoppers/ fillers.
3. Resinous areas and knots: Provide sound surface for good quality coated finish.

Ω End of Product

