

Piccadilly Warehouse Refurbishment Project NBS Specification

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Linings/Sheathing/Dry partitioning

K11

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

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

To be read with Preliminaries/ General conditions.

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

110 WOOD-BASED SHEETS GENERALLY

- Standard: To BS EN 13986.
 - Evidence of compliance: All sheets to be CE marked. Submit Declaration of Performance (DoP).

115A BATTEN SYSTEM TO ALL NEW COMPARTMENT FLOOR BUILD UPS WITH THE EXCEPTION OF BLOOM STREET FIFTH FLOOR.

- Manufacturer: CMS Danskin Acoustics.
 - Web: www.cmsdanskin.co.uk.
 - Tel: +44 (0)1925 577711.
 - Product reference: Danskin Saddles and Battens, complete with 9mm resilient pads fixed to the underside of the saddles, ensuring isolation of the new new floor construction from the existing floor substrate.

The resilient batten system is to create a 75mm cavity containing 50mm of Knauf RS45 A1 Rating Mineral Wool Slab Insulation, to achieve a minimum density of 30 kg/m³ in accordance with the Sandy Brown Acoustic Report.

As part of the tender a nominal 50mm zone has been noted across the extent of the existing floor that will be required to be levelled up prior to receiving the CMS Danskin acoustic cradle system. During the tender the joinery sub-contractor is to undertake a level survey of the existing floor substrate and confirm their proposal for levelling up the existing floor for the Cradle system to be located on in accordance with NBS Specification G20/270A.

- Accessories: As required by the manufacturer to complete the installation of the cradle system.

115B FLOORING FOR SKIRTING ACOUSTIC ISOLATION LAYER

- Manufacturer: Collecta Ltd.
 - Web: www.collecta.co.uk/en/.
 - Email: sales@collecta.co.uk.
 - Product reference: YELOfon® FS50.
 - Perimeter flanking angle to be installed in accordance with Manufacturers Installation Drawings & Specification.

115C FLOORING BOARDS TO ALL NEW COMPARTMENT FLOOR BUILD UPS WITH THE EXCEPTION OF FIFTH FLOOR BLOOM STREET

Manufacturer: Knauf Integral KG

- Product reference: Knauf GIFA Floor 32mm thick FHB32 (600 x 1200mm boards) to achieve a density of 1500 kg/m³.

The joints are to be treated with Knauf Brio joint adhesive and screws to all lapped joints or Knauf single layer adhesive to all T&G edges in accordance with Knauf manufacturers details and specification.

The Main Contractor is to ensure the setting out of the board is fully supported by a level and flat substrate. First board is to be laid in the far left of the room, tier with lapped edge of tongue with T&G edges to perimeter to be removed. The flooring system is to be individual to each apartment with the main party walls being fixed to the existing floor substrate, in accordance with the Sandy Brown Acoustic Report.

Where vinyl floor finishes are being installed the floor is to be primed with Knauf Schnellgrund primer and coated with nominal 2mm of self-levelling compound prior to adhesive being applied as manufacturer's instruction. Consider Knauf N410 leveller compound over the board to stop board joints showing through the vinyl.

Where ceramics are being installed 600 x 600mm maximum tile size, primed with Knauf Schnellgrund primer prior to flexible tile adhesive being applied in accordance with manufacturer's instructions. No decoupling layer is required.

The Joinery Sub-contractor is to liaise with David Cooper / Adam Tempest at Knauf in respect of the procurement of the materials.

115D ACOUSTIC ISOLATION LAYER TO THE NEW FIFTH FLOOR COMPARTMENT FLOOR OF BLOOM STREET.

- Manufacturer: CMS Danskin Acoustics.
 - Web: www.cmsdanskin.co.uk.
 - Tel: +44 (0)1925 577711.
 - Product reference: 3mm Thick Regupol® 4515 Multi.
- Accessories: As required by the manufacturer to complete the installation.

The 3mm Acoustic Underlay is to be installed in accordance with Manufacturers Installation Drawings & Specification, prior to the LVT floor finish being applied.

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.

925 BATTENS FOR FLOATING FLOORS

- Timber quality: Free from decay, insect attack (except ambrosia beetle damage) and with no knots wider than half the width of the section.
- Preservative treatment: As section Z12 and Wood Protection Association Commodity Specification C8.
 - Type/ Desired service life: Organic solvent Type FN/ 30 years.
- Moisture content at time of laying (maximum): 16%.

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.

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.

990 ACCESS PANELS

- Size and position: Agree before boards are fixed.
- Additional noggings/ dwangs (Scot), battens, etc: Provide and fix as necessary.