



OUR TOWN HALL

K20 NBS SPECIFICATION

TIMBER BOARD FLOORING/ SARKING/ LININGS/
CASINGS

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Status: For Tender

Issue:-



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
-	DW	FOR TENDER	24/07/2020	NM

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To be read with Preliminaries/ General conditions.

110A REPAIRS/REFIXING EXISTING TIMBER BOARD FLOORING TO ROOMS 02-017, 04-008 & 06-019

- Substrate: Timber bearers/joists at approximately 400mm centres.
- Boards:
 - Wood species Selected European hardwood to precisely match existing – sample to be provided to CA prior to order for comment/approval.
 - Quality: To BS EN 1313-2, blue stain, fissures, knot holes and loose or unsound knots will not be permitted on the face side of flooring.
 - Finished face width: to match existing. Note: where infilling and/or replacing timbers in existing floors widths will need to be individually planed to suit.
 - Finished thickness: generally 30mm, but, note: where infilling and/or replacing timbers in existing floors widths will need to be individually planed to suit
 - Edges: square
- Fixing: As clause 370 using stainless steel, austenitic grade 16
- Other Requirements:
 - Remove defective missing areas of floorboards and splice in new butt jointed floorboarding to match.
 - Prepare floor to provide even and level base and install new marmoleum floor finish on 6mm ply sub base fixed to existing floorboards

230 TIMBER BOARD SLATTED TIMBER PANELS TO FRONT OF PERIMETER BOXING

- Substrate: Unistrut channels as P31/310A.
- Boards:
 - Wood species: European whitewood.
 - Quality of timber: To BS 1186-3, Class: 1.
 - Edge profile: Square edge boards with 5mm chafer to front face .
 - Finished overall width (exposed width after fixing): 48mm.
 - Finished thickness: 19mm.
 - Moisture content at time of fixing: 6-10 %.
- Treatment: Fire retardant impregnation.
 - Standard: To NBS section Z12 and Wood Protection Association Commodity Specification FR3.
- Type: Organic solvent type FN.
- Fixing: Vertical boarding fixed into 25x50mm framing with rebates to top and bottom, face of boarding to finish flush with frame, frame to be onsplit battens fixed to unistrut frame, boards to be installed with 2mm gaps between each board - sample panel to be constructed for approval prior to construction..

230A TIMBER BOARD TO TOP OF PERIMETER BOXING

- Substrate: Unistrut channels as P31/310A.
- Boards:
 - Wood species: European whitewood.
 - Quality of timber: To BS 1186-3, Class: 1.
 - Edge profile: Square edge boards with 5mm chamfer detail formed to front edge.
 - Finished overall width (exposed width after fixing): Refer to drawings for details.
 - Finished thickness: 25mm.
 - Moisture content at time of fixing: 6-10 %.
- Treatment: Fire retardant impregnation.
 - Standard: To NBS section Z12 and Wood Protection Association Commodity Specification FR3.
 - Type: Organic solvent type FN.
- Fixing: square edged jointed boards to form capping to perimeter boxing fixed to softwood timber frame and unistrut below, boards to be glued and jointed to provide a smooth finished joint, fixed using recessed filled head 65 mm x 3.35 mm stainless steel annular ringed shank nails except where hinged opening lid, two per board to each fixing location- sample panel to be constructed for approval prior to construction..

WORKMANSHIP**310 WORKMANSHIP GENERALLY**

- Protection during and after installation: Keep boards dry. Protect from dirt, stain and damage until Completion.
- Boards to be used internally: Do not install until building is watertight.
- Methods of fixing, and fasteners: As section Z20.
- Moisture content of timber supports at time of fixing boards: Not more than 18%.

320 MOISTURE CONTENT OF NEW CONCRETE/ SCREED SUBSTRATES FOR FLOATING FLOORS

- Test for moisture content:
 - Standard: To BS 8201, Annex A, using an accurately calibrated hygrometer.
 - Readings: Take in corners, along edges, and at random points over the area being tested.
- Acceptability: Do not lay flooring until all readings show 75% relative humidity or less.

330 MOISTURE CONTENT OF TIMBER

- Conditions during and after installation: Control ambient temperature and humidity conditions to maintain moisture content at average level specified in BS EN 942, table B.1 for the relevant service condition until Completion.
- Test for moisture content: When instructed, using an approved moisture meter.

350 TREATED TIMBER

- Surfaces exposed by minor cutting and/ or drilling: Treat with two flood coats of a solution recommended by main treatment solution manufacturer.

360 ACCESS PANELS

- Size and position: Agree before fixing boards.
- Additional noggings/ dwangs, battens, etc: Provide as necessary.

370 FIXING BOARDS

- Environmental conditions: Do not fix boards when ambient temperature is at or below 0°C, or above 30°C.
- Generally: Fix boards securely to each support to give flat, true surfaces free from undulations, lipping, splits and protruding fasteners.
- Timber movement: Position boards and fixings to prevent cupping, springing, excessive opening of joints and other defects.
- Heading joints: Tightly butted, central over supports and at least two board widths apart on any one support.
- Edges: Plane off proud edges.
- Exposed nail heads: Neatly punch below surface.