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## **Primrose Hill Primary ARP**

**1161**

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K13 Rigid sheet fine linings and panelling

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## K13 Rigid sheet fine linings and panelling

To be read with Preliminaries/ General conditions.

### TYPES OF LINING AND PANELLING

#### 105 WOOD-BASED SHEETS GENERALLY

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

#### 110A WOOD PANELLING / BOARDING to The Cabin

- Substrate: 12mm plywood on portal frame as SEng spec & details.
- Battens: Softwood free from decay and active insect attack and with no knots wider than half the width of the section.
  - Finished size: See drawings for details.
  - Moisture content at time of fixing (maximum): 18%.
  - Spacing (centres): 400mm.
  - Method of fixing: Plugged and screwed at 600 mm centres.
- Boarding:
  - Materials: Generally to BS EN 942.  
Wood species: Sweet chestnut).  
Appearance class: J5.
  - Profile: Square edge overlapping with smooth planed face.  
Finished face dimension (overall width): 147mm exposed face with 3mm gap.  
Finished thickness: 23mm.
  - Fire retardant impregnation treatment: As section Z12 and Wood Protection Association Commodity Specification FR1; Type DI.
  - Finish (to match approved sample): Two coats matt finish lacquer.
  - Moisture content at time of fixing: 9-13%.
  - Method of fixing: Framing stiles screwed and pelleted to battens.  
Included features: Panelled doors and door linings with acoustic seals as clause L20/520.
- Accessories: None.
- Joinery workmanship: As section Z10.

#### 170A ACOUSTIC PANEL LINING Impact resistant acoustic boards

- Substrate: 12mm plywood on portal frame as SEng spec & details.
- Manufacturer: Knauf AMF Ceilings Ltd or equal and approved.  
Product reference: Heradesign Superfine.
  - Thickness: 25mm tbc.
  - Type: 600 x 1200 mm, square edge.
  - Colour: Natural.
- Installation:
  - Method of fixing panels: Heradesign colour screws 4.5/ 50 mm as manufacturer's recommendation.
- Included features: Requirement for mineral wool backing TBC.
- Accessories: None.

### GENERAL REQUIREMENTS

#### 220 MATERIAL SAMPLES

- Representative samples of designated materials: Submit before placing orders.
  - Designated materials: 110A & 170 .

**260 ENVIRONMENTAL CONDITIONS**

- General requirements prior to starting work specified in this section: Building weathertight; wet trades completed and affected areas dried out.
- Temperature and humidity before, during and after fixing lining/ panelling: Maintained at levels approximating to those which will prevail after building is occupied.

**FABRICATION/ FIXING/ FINISHING****310 ACCURACY OF FABRICATION**

- Site dimensions: Take as necessary before starting fabrication.
  - Discrepancies with drawings: Report without delay and obtain instructions before proceeding.
- Permissible deviations for panels:
  - Length:  $\pm 1.5$  mm.
  - Width:  $\pm 1.5$  mm.
  - Squareness (taking the longer of 2 sides at a corner as a baseline and measuring the deviation of the shorter side from the baseline perpendicular):  $\pm 1.5$  mm in 1 m.
  - Flatness (of panels with a core thickness of 12 mm and over, as delivered to site):  $\pm 1$  mm under a 600 mm straightedge.

**350 FIXING LININGS AND PANELLING**

- Setting out: Accurate, true to line and level, free from undulations and lipping, with lines and joints aligned, straight and parallel unless specified otherwise.
- Movement allowance: Adequate for future moisture and temperature movement of boards.
- Fixing of panels: Secure, to prevent pulling away, bowing, or other movement during use.
- Methods of fixing and fasteners: As section Z20 unless specified otherwise.
- Trims: Wherever possible, to be in unjointed lengths between angles or ends of runs.
  - Running joints: Where unavoidable, submit proposals for location and method of jointing.
  - Angle joints: Mitred, unless specified otherwise.

**480 CLEAR FINISHED WOOD**

- Nail holes: Filled with stopping coloured to match wood.
- Prepared surface: Smooth, closed and free from sanding marks.
- Finish: Smooth, free from brush marks, nibs, sags, runs and other defects.