



# am-clad

antimicrobial wall cladding

## NBS SPECIFICATION CLAUSE FOR 2.5MM AM-CLAD ANTIMICROBIAL SHEET WHITE & COLOURS WITH WELDROD

### K13 Rigid sheet fine linings and panelling

To be read with Preliminaries/ General conditions.

#### TYPES OF LINING AND PANELLING

#### 160 PROPRIETARY HYGIENIC PANELLING

AM-Clad high quality antimicrobial PVC wall cladding system. The fully installed system resists antimicrobial growth, is resistant to chemicals and water and provides a low maintenance finish.

- **Substrate:**

- Type Plastered / Rendered Walls  
12mm ply WBP Boarded out stud Partitions  
Painted walls (subject to tape test)  
Ceramic Tiles (check all tiles are soundly fixed)
- Preparation: Walls should be flat to a minimum of 3mm +or when measured over a 2 metre edge
- All areas to be clean, dry and fully degreased.
- Any porous surfaces should be sealed with a suitable diluted PVA.

- **Panels:**

- Supplier: AM-Clad Limited 10-14 Ward Street, Bradford, West Yorkshire, BD7 3PR  
Telephone: +44 (0) 1274 578 051 Email: info@am-clad.com www.am-clad.com

- **Product reference:** 2.5mm Am-Clad

- Board/ Panel type: Antimicrobial sheet
- Thickness: 2.5mm
- Core material: UPVC with antimicrobial properties.
- Panel Width: 1220mm wide
- Panel Heights: 2438mm (8') 2744mm (9') and 3048mm (10')
- Colour: White | Ivory | Pastel Blue | Pastel Green | Grey | Titanium  
Exact colour to be confirmed by Architect /Designer
- Edge treatment: Square
- Finish: Smooth satin finish
- Fire Rating: Meets BS EN 11925-2 Bs3d0: Class 0 when fully adhered to a non-combustible surface.

• **Installation:**

- AM-Clad Welding and thermoforming is a specialist installation technique requiring bespoke tools. Refer to the AM-Clad installation guide for guidance.  
Method of fixing: Trowel applied 2-part AM-Clad polyurethane adhesive.  
Jointing: Use colour-matched AM-Clad Weldrod. Welding to be undertaken once adhesive has cured. Weldrod to be carefully cut and trimmed to the face of the sheet. Use Edge Trims to doors and abutments and transition trim to coved flooring. Refer to AM-Clad Installation Guide.  
Corners: AM-Clad sheets to be heat treated with AM-Clad thermoformer to form internal and external angles. Alternatively, use AM-Clad colour matched internal and external corner trims.  
Sealants: All exposed edges to be sealed with high quality foodsafe colour-matched silicone sealant.  
Moisture content at time of fixing: All substrates to be dried to minimum of 16% WME (Wood Moisture Equivalent)
- **Included features:** EEC Food Hygiene Directive 64/483 Compliant.
- **Accessories:** Coved Skirtings if required.

**GENERAL REQUIREMENTS**

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.

340 HOLES/ CUT-OUTS IN LAMINATED PLASTICS VENEERS

- Internal corners: Formed to a radius, minimum 5 mm when not specified otherwise.
- Holes for fasteners: Formed slightly oversize.

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.

**DELIVERY**

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Do not deliver components to site and do not remove protective packaging / coverings until immediately before required for fixing. Stack boards and panels flat on bearers and separated by spacers where necessary to prevent damage to or from projections. Keep components and completed linings / panelling clean and dry. Protect from physical damage until practical completion.