



# am-Guard

wall and door protection

## NBS SPECIFICATION CLAUSE FOR 2MM AM-GUARD ANTIMICROBIAL WALL PROTECTION SHEET RANGE OF 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-Guard is high quality antimicrobial PVC wall protection system. The fully installed system resists anti-microbial growth, is 20 times more scratch resistant than standard PVC cladding. It is also resistant to chemicals and water and provides a tough, low maintenance finish.

#### • Substrate:

- Type Fair Fixed Brickwork / Blockwork  
Plastered / Rendered Walls  
12mm ply WBP Boarded out stud Partitions  
Ceramic Tiles
- 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: 2mm Am-Guard Wall Protection

- Panel type: Antimicrobial sheet/strip/angle/edge trim/2-part H-Divider
- Thickness: 2mm
- Core material: UPVC with antimicrobial and scratch-resistant properties
- Height: Panel 1200mm (8') | Impact Strip 300mm (1')
- Length: Panel 3000mm (10') | Impact Strip 3000mm (10') | Angles 3000mm (10')  
Angles: 75mm x 75mm (3000mm long and can be cut to size)
- Colours: See our updated colour range at am-clad.com and in the latest AM-Clad Specifiers Guide. Exact colours to be confirmed by Architect /Designer
- Edge treatment: Square.
- Fire rating: Class 1, Class 0 when fixed to a non-combustible surface.
- EN 13501: B,S3, d0
- Finish: Textured embossed finish.



**am-Guard**  
wall and door protection

#### **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-Guard 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-Guard sheets to be heat treated with AM-Clad thermoformer to form internal and external angles. Alternatively, use AM-Guard 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)

#### **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**

- 400 Do not remove protective packaging until immediately before fixing. Stack all items flat on bearers and separated by spacers where necessary to prevent any damage to or from projections.

Peel back protective film at edges and leave in place until all trades have completed their work. Keep completed linings / panelling clean and dry. Protect from physical damage until practical completion.