

## NBS SPECIFICATION CLAUSE FOR HYGIENIK 2.5mm K-PANEL FEATURE WALL RANGE – 01.08.12

### K13/160 Rigid sheet fine linings and panelling

To be read with Preliminaries/ General conditions.

#### TYPES OF LINING AND PANELLING

##### 160 PROPRIETARY HYGIENIC PANELLING

- **Substrate:**

- Type Fair Fixed Brickwork / Blockwork  
Plastered / Rendered Walls  
Boarded out stud Partitions  
Ceramic Tiles

- Preparation: Walls should be flat and plumb

- **Panels:**

- Manufacturer: Hygienik Systems Limited  
10-14 Ward Street, Bradford, West Yorkshire, BD7 3PR  
Telephone: 01274 578 051 Email: matt@hygienee.com  
www.hygienee.com

**Product reference:** K-Panel Feature Wall Range (Coloured wall cladding) – Class 1/0.

- Board/ Panel type: PVC sheet
- Thickness: 2.5mm
- Core material: UPVC.
- Panel Width: 1220mm wide
- Panel Heights: 2400mm and 3048mm
- Colour: Range of 16 colours with AutoCAD ColourIndex Numbers
- Moisture content at time of fixing: As recommended by fabricator to suit environmental conditions.
- Edge treatment: Square.
- **Installation:**
  - Method of fixing panels: Single application polymer bonding. Or 2-part bonding with welded joints. Can be Mechanically Fixed using PVC Carriers.
  - Joint treatment: K-Panel PVC Divider Bar.
- **Included features:** EEC Food Hygiene Directive 64/483 Compliant.
- **Accessories:** Coved Skirtings, Food Safe Sealant to Perimeter Joints.

#### 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 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, and protect from physical damage until practical completion.