

# **IMPACT**

---

**G R O U P**

## **NBS SPECIFICATION CLAUSE FOR IMPACTPRO® SATINS HYGIENIC 2mm and 2.5mm WITH WELDROD**

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

To be read with Preliminaries/ General conditions.

#### **TYPES OF LINING AND PANELLING**

#### **160 PROPRIETARY HYGIENIC PANELLING**

ImpactPRO® Satins high quality, hygienic PVC wall cladding system. The fully installed system is easy to clean and maintain and is water resistant.

- 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: Impact Group UK 20-22 Wenlock Road, London, N1 7GU  
Telephone: +44 (0) 800 669 6306 Email: [info@impactgroupuk.com](mailto:info@impactgroupuk.com) [www.impactgroupuk.com](http://www.impactgroupuk.com)
  - Product reference: ImpactPRO® Satins
    - Board/ Panel type: Hygienic PVC sheet
    - Thickness: 1.5mm, 2mm and 2.5mm
    - Core material: UPVC.
    - Panel Width: 1220mm wide
    - Panel Heights: 2438mm (8') 2744mm (9') and 3048mm (10')
    - Colours: 10
    - Moisture content at time of fixing: As recommended by fabricator to suit environmental conditions.
    - Edge treatment: Square.

# **IMPACT**

---

## **G R O U P**

- Finish: Smooth Satin Finish.
- Fire Rating: Meets BS EN 11925-2 Bs3d0: Class 0 when fully adhered to a non-combustible surface.
- Installation:
  - ImpactPRO® Welding and thermoforming is a specialist installation technique requiring bespoke tools. Refer to the ImpactPRO® installation guide for guidance.  
Method of fixing: Trowel applied 2-part ImpactPUR® polyurethane adhesive.  
Jointing: Use colour-matched Satins Impact Weldrod. Welding to be undertaken once adhesive has cured. Weld rod to be carefully cut and trimmed to the face of the sheet. Refer to ImpactPRO® Installation Guide.  
Corners: ImpactPRO® sheets to be heat treated with an Impact thermoformer to form internal and external angles. Alternatively, use Impact white internal and external corner trims.  
Sealants: All exposed edges should be sealed with high quality foodsafe white 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.

# **IMPACT**

---

**G R O U P**

## 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. Protect from physical damage until practical completion.