



## 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.

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## 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.

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### 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.