



**IMPACTPRO® GLOSS**

# Installation Guide

Preparation • substrates • bonding • jointing • thermoforming • handover

## 1. PRE-INSTALLATION PLANNING

### Site readiness

- Confirm drawings, areas, elevations, colour schedule, sheet orientation, joint positions and corner details before cutting sheets.
- All wet trades should be complete and the work area weather-tight before cladding installation begins.
- Walls must be dry, sound and free of dust, grease, loose paint, laitance and contaminants that could reduce adhesion.
- Protect finished floors, sanitaryware, stainless steel and adjacent finishes before setting out a cutting or adhesive station.
- Plan sheet joints to minimise narrow infill pieces and unnecessary trim lines while maintaining required movement allowances.

### Storage and conditioning

- Store sheets flat, fully supported and protected from damage or direct heat.
- Condition sheets in the installation environment for approximately 24 hours before fitting.
- Recommended minimum installation-area temperature: 14°C.
- Keep protective film on the gloss face until final clean and handover.



IMPACTPRO® Gloss colour range



Hygienic silicone



IMPACTPUR adhesive

## 2. SUBSTRATE REQUIREMENTS

### Substrate tolerance

- Finished wall to be flat and true, with approximately 3mm maximum deviation over a 2m straightedge.
- Fill hollows, repair damaged plaster and remove projecting nibs or irregularities before cladding.
- Any substrate movement, delamination or failure remains visible through and can affect the completed cladding system.

### Typical substrates

| Substrate                        | Preparation / verification                                               |
|----------------------------------|--------------------------------------------------------------------------|
| Fair-faced brick or blockwork    | Joints flush; wall true, dry and free of dust                            |
| Plaster / render                 | Fully cured, sound and dust-free; confirm moisture condition             |
| WBP plywood / boarded partitions | Rigidly fixed and suitable for the environment; joints/fixings flush     |
| Ceramic tiles                    | Only where securely bonded; degrease and complete adhesion test          |
| Painted walls                    | Paint must be sound and firmly bonded; key/test as required              |
| Concrete                         | Remove laitance/contamination; confirm porosity and adhesive preparation |

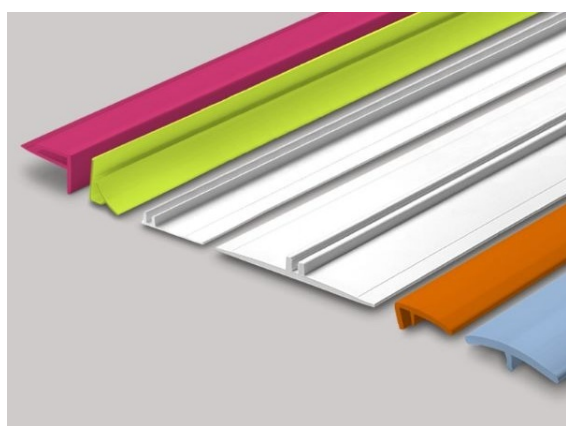
## 3. SETTING OUT, CUTTING & SHEET PREPARATION

### Setting out

- Establish datum lines and verify floor/ceiling levels before measuring sheets.
- Position vertical joints away from vulnerable edges, door corners and service penetrations where practical.
- Allow approximately 3mm clearance around inflexible supports and penetrations unless the selected profile/system detail requires otherwise.
- Check sheet orientation and colour batch consistency before cutting.

### Cutting and dry fitting

- Place sheet face-down on a clean, protected bench with the protective film intact.
- Cut using suitable fine-tooth saws/jigsaws or approved fabrication tools. Support the sheet fully to avoid chatter or edge damage.
- Deburr cut edges. Do not drag tools, offcuts or metal swarf across the high-gloss face.
- Dry-fit each sheet and associated trims before adhesive application. Confirm penetrations, joint gaps and corner geometry.



Typical PVC profile arrangement



Gloss colour/sample reference

## 4. ADHESIVE BONDING

### IMPACTPUR two-part PU adhesive

- Use the IMPACTPUR Technical Data Sheet and both Part A and Part B Safety Data Sheets before mixing or applying adhesive.
- Mix the two components thoroughly using appropriate mechanical mixing equipment until a uniform consistency is achieved.
- Apply adhesive to the back of the prepared sheet using the specified notched trowel, ensuring even coverage and avoiding dry spots.
- Adhesive open/working time is temperature-dependent; follow the IMPACTPUR Technical Data Sheet for mixing, application and working-time requirements.
- Offer the sheet to the wall, locate into any base/joining profiles and press/roll systematically so the sheet is fully bedded without trapped voids.
- Remove fresh adhesive contamination immediately using a method approved for the gloss surface.



IMPACTPUR 2-part PU cladding adhesive



IMPACT hygienic silicone

## 5. JOINTS, PROFILES & CORNERS

### Profile-jointed system

- Use compatible one-part or two-part PVC joining profiles, capping profiles, transition profiles and corner trims as detailed for the project.
- Ensure bases are straight, securely located and fully supported before inserting sheets or fitting cover sections.
- Seal exposed edges and wet-area terminations with compatible hygienic silicone where the system detail requires it.

### Hot-welded system

- Provide the specified joint gap for welding and keep sheet edges and weld rod clean.
- Set welding temperature and speed by trial on offcuts before working on completed sheets.
- Allow the weld to cool before final trimming. Trim carefully to avoid marking the gloss surface.

### Thermoformed corners

- IMPACTPRO® Gloss can be heat formed for smooth internal/external corner details where appropriate.
- Mark dimensions on the protective-film side and use a controlled thermoforming method to avoid overheating, distortion or gloss damage.
- Trial-form representative material where the radius/detail is critical.



External angle



Internal angle



1-part divider



2-part divider

## 6. OPENINGS, SERVICES & WET-AREA DETAILING

### Penetrations

- Cut openings accurately and provide movement clearance around pipes, sockets, fixings and other inflexible penetrations.
- Seal penetrations in wet or hygiene-critical areas using compatible hygienic sealant and appropriate escutcheons/cover plates.
- Electrical equipment must only be moved or altered by appropriately qualified persons.

### Wet-area interfaces

- Coordinate wall cladding with shower trays, floor coves, skirtings, stainless upstands and sanitary fittings before sheet installation.
- Do not rely on a bead of silicone to compensate for excessive gaps, poor substrate tolerance or incorrect setting out.
- At bath/shower zones, ensure water cannot track behind the sheet or profile system.





## 7. COMPLETION, CLEANING & QUALITY CONTROL

### Final quality checks

- Check all sheet joints, corners, profiles, penetrations and sealant lines for continuity, alignment and cleanliness.
- Confirm sheets are fully bonded with no areas of movement, drumming or visible distortion.
- Remove protective film only after risk from other trades has passed and adhesive/sealant cure requirements have been met.
- Clean the face using a soft cloth and non-abrasive detergent. Do not use scouring pads on the high-gloss finish.
- Record snags and complete remedial work before client inspection.

### Handover information

- Technical Data Sheet for IMPACTPRO® Gloss.
- Cleaning & Maintenance Guide.
- IMPACTPUR adhesive TDS and SDS Parts A/B.
- Colour/reference information and replacement-sheet details for future maintenance.

The quality and durability of the completed system depend on substrate condition, preparation, correct adhesive application, movement allowance, joint and corner detailing, and protection during following trades.