CLADDING INSTALLATION GUIDE

PREMIUM CLADDING COLLECTION

A Complete Hygienic Cladding System

Built to Last in Even the Most Demanding Environments

Our PVC wall cladding offers a premium finish with outstanding performance in hygienic and high-demand environments. It is fire-retardant, non-absorbent, highly durable, and provides excellent resistance to chemicals. The Premium Cladding Collection is easy to cut, form, glue, and weld, making it ideal for a wide range of applications.

Designed for hygienic, wet room, and high-traffic environments, our comprehensive range of high-quality accessories includes profiles, adhesives, silicones and weld rod to complete your installation. When used together, this complete system delivers a seamless finish and qualifies your project for our lifetime guarantee. Each product is carefully selected for strength, ease of use, and suitability for general-purpose and sanitary applications.

Our system is designed with durability and practicality in mind, including allowance for material expansion. Sheets should be fitted within 3mm of inflexible supports such as door frames, ceilings, and skirting to allow natural movement. Where exposed edges occur, our colour-matched silicone range provides a neat, hygienic seal for a polished, professional finish.

WATERPROOF
Suitable for all wet room and interior environments

FIRE RETARDANT
BS 476 Part 7: Class 1
BS 476 Part 6: Class 0

EASY TO FABRICATE
Perfect for all fittings and installations

CHEMICAL RESISTANT
Perfect for chemical preparation environments

HIGHLY DURABLE
Enhancing material performance, service life and cost maintenance

LIGHTWEIGHT MATERIAL
Easy to handle and install for fittings and installations

PROTECTIVE FILM
Superior quality product protection, anti-fraud, branded protective film

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Important Information Prior to Installation

To ensure a uniform and professional finish, please follow these key guidelines:

- **Batch Codes:** Only install sheets from the same batch to avoid visible variations.
- **Orientation:** Maintain consistent grain direction - indicated on the protective film.
- **Storage:** Store sheets flat and in suitable conditions to prevent warping.

Safety Information

Before starting any installation, it is essential to create a safe and controlled working environment. This includes maintaining good ventilation, keeping the workspace clear of hazards, and following proper waste disposal procedures.

Always assess the risks before beginning work and ensure appropriate safety equipment is used. A list of recommended PPE and tools can be found in the following section.

Safety Guidelines

- **Ventilation:** Ensure adequate airflow, especially when using adhesives or sealants.
- **Tidiness:** Keep floors clear of offcuts, packaging and tools to minimise trip hazards.
- **Waste Disposal:** Dispose of cladding offcuts and used materials responsibly and in accordance with local regulations.

Please Note:

This guide has been compiled to the best of our knowledge and is intended for guidance purposes only. We cannot be held responsible for any issues that may arise during or after installation.

Recommended Tools & Equipment

The following tools and equipment will help ensure a smooth and efficient installation:

Tape Measure


Spirit Level


Laser Level


Chalk Line


Stanley Knife


Jigsaw


Hacksaw


Tenon Saw


Hole-Cutter


Files


Mixing Paddle


Notch Trowel


Hammer


Rubber Mallet

Recommended Safety Equipment

Always wear the appropriate safety gear for the task at hand:


Safety Glasses


Protective Gloves

Face Mask


Hard Hat


Safety Boots


Hi-Vis Vest

Room Preparation

Prior to installation, ensure that all corners, door frames and window reveals are clean and free from dust or contaminants. This helps avoid common installation issues.

- Use a laser level to set a precise datum line once the room is fully prepared.
- The datum line should be measured from the sub-floor, allowing for the correct skirting height.
- Plan the sheet layout carefully before starting. A well-considered layout reduces waste, limits the number of profiles needed, and ensures a more efficient install.

Workstation Preparation

- Set up a workstation as close to the installation area as possible.
- Establish a separate glue station to keep the main working area clean and organised.
- Protect the surrounding area with suitable coverings. Any adhesive spills should be cleaned immediately, as removal is difficult once cured.

Installation Temperatures

Our hygienic wall cladding sheets should be installed at or near the room's final operating temperature to help prevent warping.

- A minimum room temperature of 14°C is recommended for all installation environments.
- Store sheets flat in the installation area for at least 24 hours before fitting to allow them to acclimatise.

Surface Preparation

Ensure all surfaces are properly prepared before installation begins:

- Surfaces must be clean, dry, and free from dust or contaminants.
- Fill any imperfections in the substrate to create a smooth, even base.
- Electrical switches, sockets, and similar fittings should be in a first-fix state.
- Only qualified electricians should move or alter electrical equipment.
- Where cladding is fitted around pipes or bolts, allow for a minimum 3mm expansion gap and seal with Premierbond Silicone+.

Suitable Substrates

- Most flat, secure, and clean surfaces are suitable for installation.
- Painted surfaces are generally suitable — carry out an adhesive test beforehand to confirm compatibility.
- All plastered surfaces must be free from dust.
- An adhesive test is recommended on any unfamiliar or previously treated surfaces.

Note: Sheets should be stored flat in the room for at least 24 hours prior to installation. A minimum room temperature of 14°C is required.

Installation Temperatures

Plan your layout carefully before beginning the installation.

- A clear layout helps reduce the number of profiles needed and improves efficiency.
- Pre-planning avoids misalignment between profiles and cladding sheets.
- Mark out where each profile will fall to ensure correct spacing and placement.
- Ensure all required profiles, adhesives and tools are available before starting work.

Inspecting & Cutting Sheets

- Carefully place the sheet on a clean workbench and inspect for any damage before marking or cutting.
- Once satisfied with the sheet quality, use a pen to mark the datum line on the protective film side. Apply only light pressure to avoid damaging the sheet surface.
- Cut the sheet to size using the recommended tools and safety equipment.

Preparing for Installation

- Peel back approximately 50mm of the protective film along all edges to allow the sheet to fit neatly into profiles.
- Do not fully remove the protective film until the installation is complete.
- Test-fit the sheet by placing it against the substrate, allowing a 3mm expansion gap around all supports.
- After testing, place the sheet face down (protective film side down) on the workbench and clean any dust or debris from the substrate.

Adhesive Preparation

- Recommended adhesive: Use Premierbond 2PT for installations in wet environments such as kitchens, bathrooms, and gyms.
- Always follow the manufacturer's instructions provided on the adhesive packaging.
- Apply adhesive evenly using a 6mm notched trowel, working outward from the sheet's centre.
- For flat, plastered walls, a 3mm adhesive thickness is generally sufficient.
- Working time: approx. 40 minutes.
- Initial cure: approx. 20 minutes.
- Prepare additional sheets using the same method.
- For welding guidance, please refer to page 12.

Joiner & Transition Profiles

1 PART

1 PART - JOINER

2 PART

JOINER & TRANSITION TOP

JOINER BASE

Joiner profiles create a watertight seal between adjoining cladding sheets, ceilings and floors.

Capping & Transition Profiles

1 PART

1 PART - CAPPING

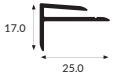
2 PART

CAPPING TOP

CAPPING & TRANSITION BASE

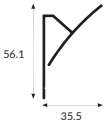
Capping profiles finish open edges at the top or bottom of a sheet, creating a neat and watertight seal between the sheet and the ceiling or floor.

Corner Profiles



EXTERNAL CORNER

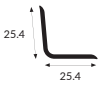
INTERNAL CORNER SMALL



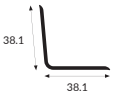
INTERNAL CORNER LARGE

Corner profiles create a watertight seal between two corner sheets.

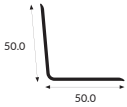
Internal Angle Profiles



1" INTERNAL ANGLE



1.5" INTERNAL ANGLE

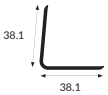


2" INTERNAL ANGLE

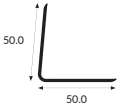
Internal angle profiles pair with embedded corners to create a watertight internal corner seal.

External Angle Profiles

1" EXTERNAL ANGLE



1.5" EXTERNAL ANGLE

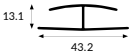


2" EXTERNAL ANGLE

External angle profiles are used on extruded corners to create a strong, durable and watertight corner seal.

Ceiling Profiles

2 PART - EDGING STRIP

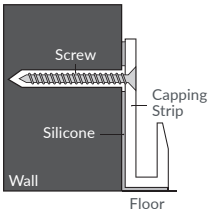


JOINING STRIP

Ceiling profiles securely connect ceiling planks while maintaining a watertight seal.

Installing the Bottom of the Sheet

1 PART - CAPPING



Step 1:

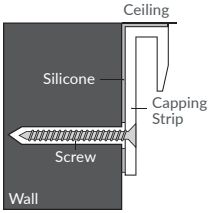
Fix the 1-Part Capping Profile to the wall using screws through the longer edge of the profile. Apply silicone along the edge that meets the sheet, especially at the base where regular wet cleaning, such as floor mopping, may occur.

Step 2:

For added protection, apply additional silicone to the profile's top and bottom edges to ensure a watertight seal.

Installing the Ceiling & Top of the Sheet

1 PART - CAPPING



Step 3:

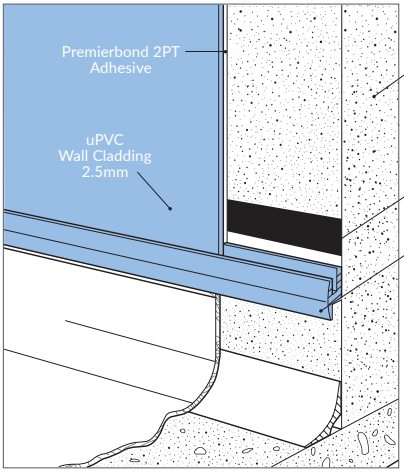
Fix the 1-Part Capping Profile to the top of the wall, following the same process as Step 1. The sheet can be trapped at the top edge using the ceiling profile, where preferred. Finish with an Internal Corner Profile as a coving where the wall meets the ceiling. Always leave a gap for expansion at the top edge.

Note:

If ceiling cladding is being installed, plan this in advance before fitting the top edge profiles. (See page 13 for guidance.)

Installing the Joiner & Transition Profiles

Wall Cladding to flooring (skirting detail)



1 PART

1 PART - JOINER

2 PART

JOINER & TRANSITION TOP

JOINER BASE

Step 1:

Apply the backing adhesive to the substrate and press the Joiner Base Profile firmly into position on top of the adhesive. We recommend Premierbond 2PT or Premierbond HT.

Step 2:

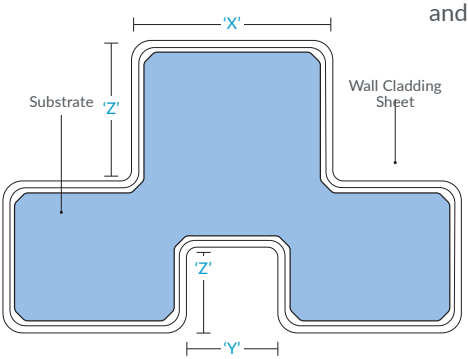
Place the sheet into the edge of the Joiner Base Profile. While holding the sheet in position, clip the Joiner and Transition Cap onto the Base Profile to secure the sheet and form a watertight seal.

Step 3:

To create a secure fixing and lock the profile in place, tap along the top using a rubber mallet with moderate force.

Thermoforming

Thermoforming is recommended for creating internal and external corner details by heating the sheet and manually shaping it to the required angle using a thermoformer.



Follow the guidelines below to achieve accurate and professional results:

- **'X' – External to External Corners:** Add 6mm
- **'Y' – Internal to Internal Corners:** Subtract 6mm
- **'Z' – Internal to External / External to Internal Corners:** Use the same measurement as the substrate

All markings should be made on the protective film side of the sheet.

These measurements are for guidance only and may need to be adjusted depending on site-specific conditions.

Thermoforming Benefits

- Low tooling requirements
- Clean, visually appealing finish
- Greater design flexibility
- Reduced tooling costs
- Accurately shaped corners
- Fully sealed, hygienic results
- Adaptive installation method suitable for all areas

Heat Welding Preparation

Heat welding is a method used to fuse wall cladding sheets together for a durable, hygienic finish. Proper preparation is essential for a clean weld.

- Ensure both the weld rod and the joint gap are clean and free from contamination.
- A welding gun is highly recommended to improve speed and consistency.
- Carry out welding at approximately the same room temperature in which the area will be used to avoid warping.
- Heat softens both the weld rod and sheet edges, allowing the materials to fuse together.

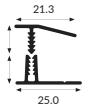
Heat Welding Installation

- Leave a 1.5mm gap between each sheet to accommodate the weld rod.
- Ensure all surfaces, including the weld rod, are clean.
- Set up the welding gun and adjust the temperature and speed as required.
- A test patch is advised to confirm correct settings before starting the full installation.
- Once the weld has cooled, it can be trimmed flush.

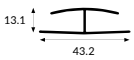
Trimming Off

- Trim carefully, as the smooth surface of the cladding will show any imperfections.
- When pre-cutting, remove no more than half of the excess weld rod to prevent it from sinking into the joint as it cools.
- Allow the weld to fully cool before completing the final trim for a clean, flush finish.

Installing the Bottom of the Sheet



2 PART - EDGING STRIP



JOINING STRIP

Step 1:

Begin by positioning the first ceiling plank edge into place. Attach the leading edge to the ceiling through the thin flange, which should be positioned on the upper surface.

Step 2:

Connect each subsequent plank to the preceding one, inserting a joining strip profile between every ceiling plank.

For ceilings larger than a single plank length:

- Complete installation across the whole area up to the length of the plank.
- Apply a joining strip along the edge of the last plank installed.
- Continue the installation following the same process.

Diagram 1

This installation method uses a two-part edging strip profile.

- Fix part one (backing strip) of the edging strip to the ceiling using suitable silicone and secure it with a screw through the long edge of the profile.
- Use ample silicone along the sheet's connecting edge to ensure a watertight seal.
- Place the ceiling plank in position and clip part two (the facing strip) into place to complete the fixing.

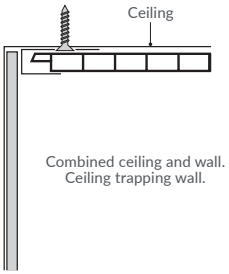
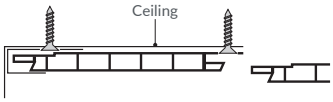


Diagram 2

Cross-section of a 10mm thick ceiling plank and edging profile, showing how it is fixed to an existing ceiling.



The next plank interlocks with the previous one, concealing the fixing.

Initial Cleaning Preparation

Once all sheets and profiles are installed, allow sufficient time for the adhesives and sealants to fully cure prior to cleaning.

Begin by removing the protective film from the sheets and profiles, then clean all surfaces using an anti-static solution or anti-static cleaning wipes. This step is essential, as the sheets may develop static build-up, causing dust in the atmosphere to adhere to their surface.

Regular Cleaning

For routine cleaning, use a soft cloth with mild soap or detergent. The temperature of the water or cleaning solution should not exceed 60°C. To reduce static build-up, it is recommended to clean the sheets regularly with an anti-static solution or anti-static cleaning wipes.

For stubborn stains, use an alkaline cleaner combined with a soft cloth. Pressure cleaning with hot water is permitted, but to prevent damage, ensure the pressure nozzle is kept at least 2 feet (600mm) away from the sheet's surface.

Please note: some cleaning products containing abrasives or solvents may damage the sheets. Avoid harsh solvents or abrasives. Use ethyl alcohol orwhite kerosene sparingly to remove products such as paint.

Establishing a regular cleaning programme tailored to the area's usage and traffic is advised. For general use in hygienic environments, we recommend thoroughly cleaning the sheets at least once per week.

Lifetime Guarantee

Backed by decades of industry expertise, the Premium Cladding Collection is renowned for its long-lasting performance.

When installed using the complete system, including our colour-matched profiles, adhesives, silicones, and weld rods, our moisture-resistant cladding is covered by a lifetime guarantee, provided installation follows the guidelines set out in this guide.

Products used independently remain covered under standard manufacturer guarantees.

Complete our registration form to activate your lifetime guarantee and speak to your trusted supplier for details.

TECHNICAL DATASHEET

UPVC TECHNICAL PROPERTIES

Physical	Unit	Test Method	Result
Specific gravity	g/cm³	DIN ISO 1183	1.45
Water absorption till saturation 23°C	%	MSZ EN ISO 62	0.20
Maximum service temp. Upper temp limit - short term	°C		60
Lower temp limit	°C		0
Mechanical	**Unit**	**Test Method**	**Result**
Tensile Strength	MPa	DIN EN ISO 527-1,2	>45
Enlongation at yield	%	DIN EN ISO 527	>45
Tensile strength at break	MPa	DIN EN ISO 527	>20
Unnotched impact strength	kJ/m²	DIN EN ISO 178	No Break
Notch impact strength	kJ/m²	DIN EN ISO 179	No Break
Shore-D		DIN EN ISO 868	68
Tensile modulus of elasticity	MPa	DIN EN ISO 527-1,2	>2500
Thermal	**Unit**	**Test Method**	**Result**
Vicat-softening point VST/B/50	°C	DIN EN ISO 306	70
Coefficient of linear thermal expansion 23°C - 100°C	m/(m.K)	DIN 53752	0.7
Thermal conductivity at 23°C	W/mK	DIN 52612	0.2
Electrical	**Unit**	**Test Method**	**Result**
Surface resistivity	Ω	DIN 53482	10^13
Dielectric strength	W/mK	MSZ EN 60243-1	18
Additional Data	**Unit**	**Test Method**	**Result**
Food Compliance - FDA		FDA	No
Food Compliance - EU		EU 10/2011	Yes
Flammability	**Unit**	**Test Method**	**Result**
Fire performance		DIN 4102(D) NFP 92-501 (F) BS EN 13501-1 BS 476 Part7 (GB) BS 476 Part6 (GB) UL94 (US)	B1 M1 Class B, s2, d0 Class 1 Class 0 V0

PREMIUM CLADDING COLLECTION