

Installation Guide

SimplyClad pvc-u Hygienic Wall Cladding

PREPARATION

- Prepare the walls so there is no dust, moisture/damp, grease, loose tiles etc. All walls to be smooth and all electrics and plumbing to be at First Fix Stage.
- Work out which walls are to be installed and set out so all sheets used create minimal wastage.
- Mark datum line around the room for measuring for cut outs for back boxes and holes for pipe work.

EQUIPMENT

You will require 2 pairs trestles and 2 sheets 18mm plywood to create your work benches

- 1 bench for cutting and thermoforming
- 1 bench for trowelling the adhesive

Power Tools

- 1 x 3m x 110 volt Thermoformer / 1 pair thermoformer stands
- 3 metre straight edge
- 110 volt Jigsaw using fine toothed blades (Cord or Cordless)
- Cordless Drill
- 110 volt drill (750 watt) for mixing adhesives
- 220v/110v Hot Jet S Welding Gun
- 110 volt Transformer

Hand Tools

- Mitre Cutters
 - Plastic Headed Trim Hammer
 - Block Plane
 - Set of Hole / Cutters
 - Extension Wall Roller
 - 2 metre Spirit Level
 - Mozart Trimming Knife
 - Laser Level
 - Mixing Paddle
 - Mastic Gun
- Plus all normal hand tools as required.

INSTALLATION

First rule of thumb is MEASURE TWICE CUT ONCE!!

Set up work area benches and the thermoformer close together with the thermoformer on its stands at the same working height as the benches.

Place the sheet on the bench with the protective film side face up to enable the marking up for cutting to size from floor to ceiling or install height. Use a tape measure and ball point pen to mark the sheet to the required size and join up using a straight edge. The sheet will now be ready to be cut with your 110V Jig Saw with a fine toothed blade. Take care during the winter months that the sheet is allowed to acclimatise as with low ambient temperatures the sheet can become brittle. All cladding sheets must be on site 24 hours before installation.

After cutting the sheet to size and cutting out for electrics and plumbing if needed, offer up the sheet dry to the area to be covered and ensure that all measuring and cutting is correct. The sheet is now ready to be installed.

Lay the sheet protective film side down and spread the adhesive 100% to cover back of the sheet using the correct approved adhesive for the wall substrate.

If using the 2 part polyurethane adhesive – mix part A and B with a mechanical whisk and if applying to a 2.44 x 1.22m sheet use the 6.5kg unit or if using the 3.05 x 1.22m use the 8kg unit and ensure you use a 5/6mm square notched trowel. If using the 1 part acrylic adhesive you need to use a 3mm square notched trowel.

Then with one installer either side of the sheet transfer to the wall and level up with the datum line. Using a hand roller roll the sheet from top to bottom to ensure the adhesive transfers to the wall substrate. Now down both edges of the installed sheet apply silicon sealant and insert behind the joint, the 2 part Joint Trim base. Trim to size using the mitre cutters then repeat as above for the next sheet.

Internal or external corners can be thermformed by using a specialist thermoforming tool. This contains a temperature controlled element running along the centre line of the former allowing you to heat a measured part of the sheet which then forms the shape of the corner. With one installer at each end of the thermoformer place your

measured sheet over the centre line and allow to warm up and become flexible and then form to the correct angle using the straight edge. Allow to cool .

After all sheets have been installed all Joint and Transition Trim tops can be cut to size and hammered into their respective base sections.

Now, remove all protective film from the sheets and wipe off any dirt or adhesive.

All abutments can be sealed with matching silicon sealant.

Cleaning

SimplyClad sheets can be regularly cleaned using a diluted mild detergent or antiseptic solutions (follow manufacturers instructions) using a soft cloth.

Do not use wire wool or abrasive pads or cleaners.

When cleaning SimplyClad we recommend that the water temperature does not exceed 50°C.

Failure to implement a cleaning policy can effect the performance of the product.

INSTALLATION TEMPERATURES

- SimplyClad recommends that the minimum ambient temperature of 14°C is necessary for all installation areas.
- SimplyClad 2 part Adhesive must NOT be used below + 5°C.
- All cladding sheets must be stored flat and be acclimatized for up to 24 hours on site to reach the ambient room temperature prior to installation.
- All panels must be stored off the floor and on a level surface.

For any queries regarding materials, installation or cleaning and maintenance instructions please contact:
www.simplyclad.co.uk or e-mail: sales@stsflooring.co.uk

