

Vertical Installation

Measure the perimeter walls and plan the starting point of the wallcovering installation so that any seams are not nearer the 100mm to a corner.

Cut the first sheet to length. Where the floor covering extends up the wall, the bottom of the wall covering needs to overlap it by about 3cm.

Mark a vertical plumb line on the wall at the chosen starting point and fit the first length of wall covering to this line.

Use a suitable tool, such as a rubbing board, to press the wall covering into the adhesive, to expel all the air. Starting from the centre of the cut length, work upwards and downwards. Make sure that the tool you choose for smoothing out the wall covering does not damage it.

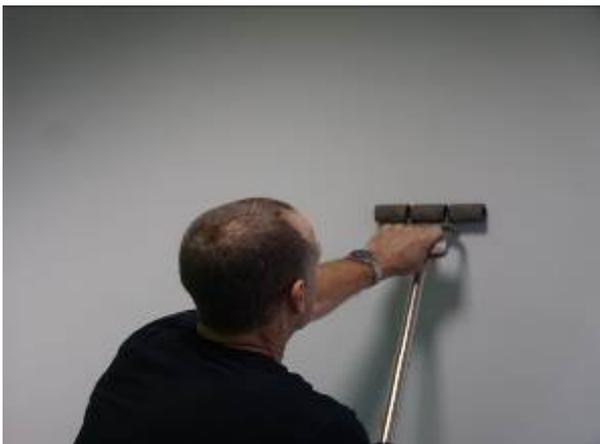
Trim the wall covering where it meets the ceiling and other abutments in the room such as architraves.

Wall to floor covering overlap

Where the floor covering extends up the wall, the bottom of the wall covering needs to overlap it by about 30mm. This portion of wall covering should be adhered as before. It is important to apply sufficient adhesive, and to press and smooth the wall covering thoroughly - see section one for overlap detail.

Rolling

After pressing and expelling any air pockets, roll the entire surface of the wall covering thoroughly with a suitable wall roller.



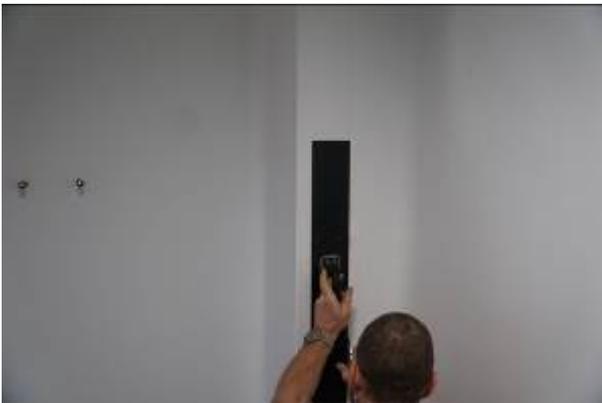
Trim the wall covering if necessary where it overlaps the flooring coved skirting taking care not to damage the floor covering. Roll overlaps and seams with a seam roller.



Clean off any residues of adhesive immediately. Use clean water.

Forming Seams

Repeat the above process for each subsequent length of wall covering. Each sheet should be overlapped and cut to form a close butt seam.



External Corners

Check that adjacent walls are acceptably vertical and flat. If they are not, any misalignment can be corrected by cutting and welding the product near the corner.

N.B. Wherever possible, any joints should be positioned away from the wet zone.

Apply a solvent free contact adhesive to the back of the wall covering as well as the wall, to 100mm either side of the corner. Follow the adhesive manufacturer's instructions for application, use and drying times.

When working around external corners, make sure any seams are at least 100mm from the corner. Fit the wall covering to one face of the corner at a time. Starting from the centre of the cut length, work upwards and downwards. Make sure that the tool you choose for smoothing out the wall covering does not damage it.

Gently warm the wall covering with hot air just before and while it is being pressed into the adhesive. This allows it to be formed into a "sharp" (straight) edge. Fit the wall covering to first face of the external corner and roll with a suitable wall roller as above.

Wrap the wall covering around the second face of the corner and roll well with a suitable wall roller.

Fitting of the wall covering around sharp external corners will be made easier with the use of an external PVC corner profile (Quantum profiles reference EFA75). Note: if the edge of the corner profile does not finish flush

with the wall surface use a suitable filler or 1mm diminishing strip Quantum Profiles QT100) to feather out the transition.

Seam welding

When cutting material for seams, be careful not to damage the substrate. Extra care is needed for plasterboard substrates.

Seams in Onyx must always be hot-welded using a PVC welding rod. The edges of the two sheets must be butt jointed, flush, and grooved before welding to a depth of three-quarters of the thickness of the material. Use a 'P' Type groover, not a shave hook.

Use a speed welding nozzle for wall coverings to reduce the risk of affecting the product gloss near the weld.

When the weld has cooled, trim it in two stages: first with a spatula and slide, and then using the spatula only.

Grooving and welding should not be carried out until the adhesive has set. The time needed for it to set will depend on ventilation, temperature and substrate absorbency. For absorbent surfaces, wait at least 24 hours and for non-absorbent surfaces, wait at least 48 hours after installation of the wall covering.

Sealing of wall covering to floor covering overlap

When the wallcovering installation is complete seal the bottom edge of the wall covering where it meets the floor covering with a cold weld paste (Werner Muller Type C).

Finishing & Inspection

Finish by inspecting the work carefully. Make sure the wall covering is free of adhesive residues and that there are no air bubbles or blisters

Clean off any residues of adhesive immediately. Use clean water.

Any holes made for pipes must be sealed with a suitable sanitary sealant that is resistant to fungus and mould.

Abutments to features such as architraves, sanitary fixings or furniture should also be sealed with a suitable PU sanitary sealant that is waterproof and resistant to fungus and mould.