



TRUETOUCH COMPOSITE PANELS

TECHNICAL INSTALLATION GUIDE

Technical Installation Guide














Installing TrueTouch Composite panels can be completed quickly and easily by qualified tradespeople or by anyone who is competent at DIY.

Please follow the instructions in this guide carefully. Failure to follow the recommended installation instructions may result in the invalidation of our product warranty.

If you have any questions about the information contained in this document, or any other questions related to the installation of TrueTouch Composite Panels, please contact us at info@atlon.com

RECOMMENDED TOOLS & EQUIPMENT

 Fine toothed hand saw, circular saw, jigsaw and/or hole saw (for cutting out circular holes for pipes/fittings)	 Packers / shims
 Utility knife (e.g. Stanley knife / box cutter)	 Spirit level
 Tape measure	 Sealant gun
 Grab adhesive	 Pencil
 Sanitary sealant	 Protective eyewear, gloves, dust mask
	 Sealant finishing tool

PREPARATION

1. Sheets should be stored flat prior to installation, do not store sheets on their edge.
2. Sheets should be moved into the installation area to acclimatise at least 24 hours before installation.
3. Remove any fittings, screws, nails, or other obtrusions from the walls so that they are as flat, clean and smooth as possible.
4. If the panels are being installed over tiles, make sure the tiles are completely clean, dry, and as smooth as possible for best results.
5. Use the spirit level to check the levels of the walls, shower tray, and/or bath to determine if packers / shims will need to be used to level out the panels during installation.
6. It is recommended to tank your walls in the shower/bath areas (using a waterproof membrane) prior to installation for best long term results.
7. Plan the layout of your panels. It is advised to start from a corner and work outwards. If using the tongue and groove click system, make sure the tongue edge is installed in the corner so that the groove edge is exposed to join to the next panel.

CUTTING THE PANELS – STRAIGHT CUTS

REMINDER 1: ALWAYS WEAR THE RECOMMENDED PPE DURING THE CUTTING PROCESS (PROTECTIVE EYEWEAR, GLOVES, DUST MASK).

REMINDER 2: THE PANELS ARE SUPPLIED WITH A PROTECTIVE PEEL OFF FILM – IT IS SUGGESTED TO NOT REMOVE THIS UNTIL AFTER YOU HAVE COMPLETED THE NECESSARY CUTTING.

1. Measure the height and width of the walls that you are installing over to calculate how many panels you will need for each section of wall and if you will need to cut any panels down.
2. Make sure that you consider the panel orientation – i.e. that the tongue or groove is on the correct side before cutting.
3. When measuring panels for cutting, make sure you measure the dimensions from the panel's surface edge (do not include the tongue and groove edges when measuring).
4. If you are using aluminium trims for the install, remember when you measure up to include the dimensions of the trim that this will add to the overall width of the panels.
5. Using your pencil, mark your cutting lines onto the panels using the spirit level or other type of straight edge.
6. Make sure that the decor side of the panel is facing up, and then carefully make the cut with a hand saw, circular saw, or jigsaw.
7. If you have tongue and groove edges going into a corner, or at the end of a wall run, it's recommended to cut off the tongue or groove edge parts to create a neater finish / fit the trims better.

CUTTING THE PANELS – HOLE CUT-OUTS

1. Measure the precise location of the shower/bath fittings and plumbing on the wall, and using a tape measure spirit level mark these onto the panel/panels which will need a hole cut-out. The cutting location can be marked with a cross to ensure accuracy.
2. Take a hole saw with the correct size circular attachment to match your fittings and drill slowly into the surface to make the circular cut. Be very careful to not damage the decor surface of the panel during this process.
3. Before making the final installation, check that the holes you've cut in the panels line up correctly with your fittings. If they are slightly out of position, you can make an adjustment at this stage before doing the final installation.

PROCEDURE FOR USING TRIMS

1. Internal / External Corners - if you are using corner trims (either internal or external), use grab adhesive to fit these corner trims to the wall first before panel installation, ensuring the trims are fully level and straight. Use a bead of clear sanitary sealant inside the trims.
2. End Caps / Joining Profiles - if using End Caps to finish the end of a wall run, or Joining Profiles to join panels together, fix these onto the relevant panels using a bead of clear sanitary sealant inside the trims before installing the panels onto the wall.

FINAL INSTALLATION PROCEDURE

REMINDER: BEFORE APPLYING ADHESIVE TO THE PANELS, IT IS SUGGESTED TO DO A DRY INSTALLATION FIRST BY SIMPLY POSITIONING THE PANELS IN THE CORRECT LOCATION ON THE WALL. THIS TEST WILL DETERMINE IF ALL THE HOLE CUT-OUTS AND PANEL MEASUREMENTS ARE CORRECT. IF USING TRIMS THEN INCLUDE THE TRIMS IN THIS TEST PROCEDURE.

1. If installing panels around a shower tray or bath, or in corners if you're not using a corner trim, use packers/shims to create a 2~3mm gap below the panels or along the vertical edge in the corners. These gaps will get filled with sanitary sealant to prevent water ingress and ensure a watertight seal.
2. Peel up the protective film around 50mm along the long edges of the panels before fitting them to the wall - this will prevent the film becoming trapped in the joins or the trims after installation.
3. Apply 6~8mm thick beads of grab adhesive to the back of your starting panel. Best practice is to apply the grab adhesive in evenly spaced wavy lines to ensure a good bond to the wall.
4. Press your panel against the correct starting position on the wall and use your spirit level to make sure the panels are flat and level.
5. If using tongue and groove panels, insert the tongue edge against the groove edge at a 30° angle and make sure that the tongue is fully inserted along the full length of the panel. Finally lower the panel back towards the wall so that it drops into place.
6. It is possible that there is still a slight visible gap along the join, in which case use a rubber mallet and tapping block to fully close up the join.
7. Repeat the above steps for all subsequent panels until the wall installation is complete.

8. Following completion of the installation, and after the grab adhesive has fully set, remove the packers/shims and using the sealant gun apply sanitary sealant along the 2~3mm gaps to create a watertight seal. You should also apply sanity sealant around the shower/bath fittings at this stage.

9. Finish off the installation by smoothing out the sealant with a sealant finishing tool and wipe away any excess sealant for a neat finish.

10. Finally remove all the protective peel off film and the installation is complete.