



TECPANELS

THE ART OF VOLUME

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INSTALLATION MANUAL

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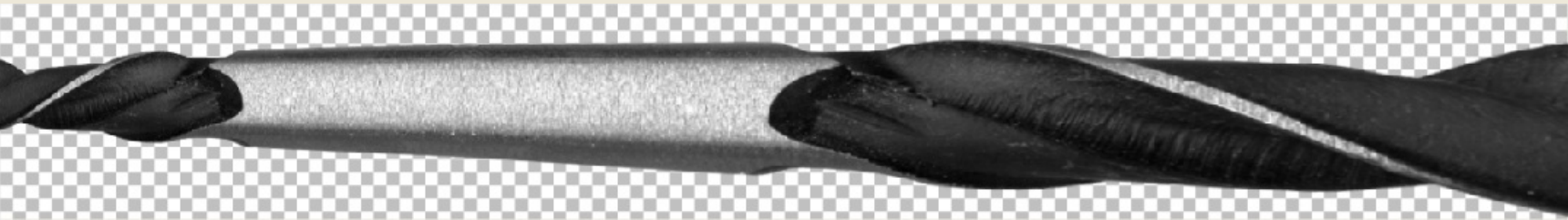
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RULES TO NOTE BEFORE INSTALLATION

It is very important to take into account the following aspects before starting the installation:

- The pieces must not be unpacked a long time before installation. The pieces come in packs of two to prevent warping as the lacquered face pulls slightly on the opposite face, meaning that if we leave the unpacking to the last possible minute, we prevent warping of the panels which could make the installation 1 more difficult.
- For installations where we are going to be using mounting adhesive, it is very important to have clean hands and even to use silicone gloves as polyurethane mounting adhesive is very difficult to clean. Acetone should be used to clean any mounting adhesive stains.
- Before beginning an installation, we must measure the wall, decide how we wish to place the pieces and see where the panels and the wall will come together to make sure we have covered every possible circumstance which might affect the installation. Factory produced flat pieces with ends the same as the plaques can also be produced to finish off murals.



TOOLS NEEDED FOR INSTALLATION

- Pneumatic nailer and compressor..... For A, B
Nylon hammer..... For the complete installation
Buffer material to make joints..... As much as you want
Cartridge or tubular silicon gun..... For A, B
Circular or coping saw..... For every installation
Dril, Tacks and threaded bolts with nuts..... For B

A - INSTALLATION OF WALL COVERINGS ON PLASTER - CARDBOARD TYPE WALLS (PLADUR OR KNAUFF)

Before beginning the installation, please lay out the pieces in the packaging in the way indicated in point 1 'Rules to note before installation'.

1.-We will begin by applying mounting adhesive to the rear face of the piece, either lengthways, crossways, in certain points on the rear face or, if it is a moulded piece, in the areas where the pieces will come into contact with the wall. It is important that the surfaces to be glued are very clean and dust-free.

2.-Once we have applied the adhesive, we can put the first one in position and stick it down by applying pressure on the wall.

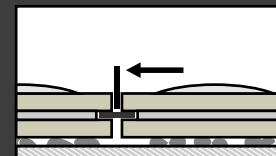
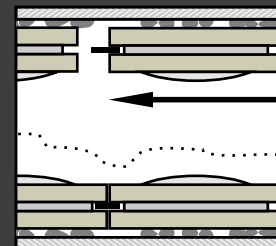
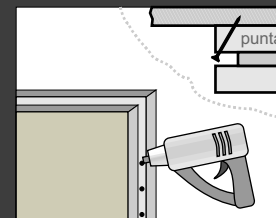
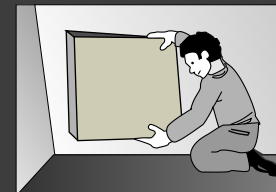
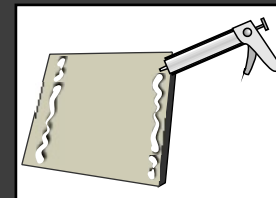
3.-To fix the piece in place whilst the adhesive finishes polymerizing, a pneumatic nailer is very handy. There is a groove which runs right around each piece and we nail the pins in with the nailer at an oblique angle from the groove towards the wall. To fix the first piece in place, we need to secure 4 sides.

4.-Once the piece has been fixed in place, we can put in some external chasers in the edge grooves, fitting them into the piece. These external chasers can be cut to size or cut into smaller pieces to be used only in some places.

5.-Once we have put the chasers in place, we can apply the adhesive to the next piece and fit it to the chasers of the piece already in place. The chasers are used to balance the thickness of the piece as this could vary during the gluing process. Once the new piece is in place and matched to the first piece, we can fix it with the pneumatic nailer, at an oblique angle, as we did with the first piece. In this case we can fix three sides, as the fourth side will be fixed to the previous piece with the padding or external chasers.

6.-If you would to make the join invisible, we recommend using 1mm or smaller buffer between pieces (using 0.7mm pieces of thin separator material) or plastic tile buffers and crossheads if you want a visible join using joining materials.

7.-Continue the installation of the remaining pieces using the same method.



B - INSTALLATION OF WALL COVERING ON WOODEN STRIP COVERED BARE WALLS.

Before beginning the installation, please lay out the pieces in the packaging in the way indicated in point 1 'Rules to note before installation'.

1.-Place the strips using a level and plumb weight horizontally, vertically or forming squares of the same size as the panel. The strip must be placed, of course, where it rests on the edges of the covering panels.

2.-We begin by applying mounting adhesive to the rear face of the panel in the areas where the panel will come into contact with the strip. It is important that the surfaces to be glued are very clean and dust-free.

3.- Once we have applied the adhesive, we can put the first one in position and stick it down by applying pressure on the strips. To fix the panel to the strips, whilst the adhesive finishes catalyzing, a pneumatic nailer is very handy. There is a groove which runs right around each piece and we nail the pins in with the nailer at an oblique angle from the groove towards the strips. To fix the first panel in place we can nail 2 sides on the strips (or all 4 if the strips form a square.)

4.- Once the piece has been fixed in place, we can put in some external chasers in the edge grooves, fitting them into the piece. These external chasers can be cut to size or cut into smaller pieces to be used only in some places.

5.- Once we have put the chasers in place, we can apply the adhesive to the next piece and fit it to the chasers of the piece already in place. The chasers are used to balance the thickness of the piece as this could vary during the gluing process. Once the new piece is in place and matched to the first piece, we can fix it with the pneumatic nailer, at an oblique angle, as we did with the first piece. In this case we can fix three sides, as the fourth side will be fixed to the previous piece with the padding or external chasers.

6.- If you would to make the join invisible, we recommend using 1mm or smaller buffer between pieces (using 0.7mm pieces of thin separator material) or plastic tile buffers and crossheads if you want a visible joining using joining materials.

7.- Continue the installation of the remaining pieces using the same method.

