



Preparing the floor.

The Sub-floor should be prepared level and free from any lumps that will interfere with the overall finish of the completed dance floor.

Note:

The finished height of the dance floor from sub-level is 105mm.

Fixing advice:

It is a good idea to lay a flooring grade wooden base approximately 18mm thick that is flat and a perfect surface in which to screw down the dancefloor mounting tray.

Step 1:

Screw the 600 by 600 mounting tray to the prepared sub-floor with suitable screws in the 8 holes located in the floor tray.



Step 2:

Place all remaining mounting trays side by side and fix into position as in step 1.



Note:

Be careful not to crush or distort the shape of the trays while installing them.

Step 3:

Install the wiring loom using Cat 5 data cable, the data cable should run directly from each tile back to the electronic driver box.



There should be one cat 5 data cable running from each tile back to the control electronic driver box.

Step 4:

Before inserting the led panel into the mountin tray, plug the RJ 45 plug into the socket on the rear of the panel. connect the other end of the RJ 45 cable into the output socket of the driver box. Power up the driver box in test mode (dip switch 9 and 10 on) the led panel will now cycle through its R/G/B colours in test mode.

Step 5:

Insert the led panel into its mountin tray, make sure that there is suficient loose cable underneath the led panel.

Important note:

Remove the plastic protective film (green or clear) from the top surface of the led panel.

Step 6:

Insert weight loading black cover tray between the led panel and the outer mountin tray.

Note:

The weight loading black cover will only insert in one way, the corner cut-out fits into the corner where the weld points are in the lower mount tray.

Important note:

the weight loading black cover must be fully inserted until all four corners are completely level with the led panel. It is normal for there to be a 2mm clearance between the led panel and the weight loading black cover.

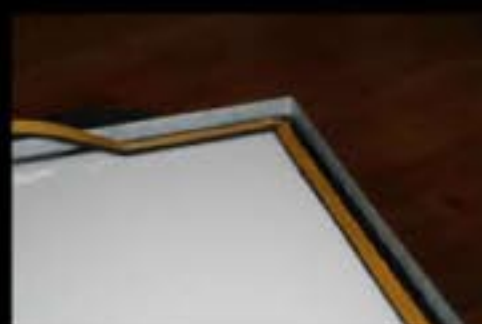


Dance Floor Installation



Preparing the floor for sealing.

The led dance floor requires sealing to protect against water ingress. The sealing is done in two stages. Before fitting the first sealing tape, be sure to clean the top of the led panel with a suitable cleaning fluid. do not fit the sealing tape until the fluid has dried, an appropriate window cleaner should be used as this dries rapidly.



The use of a vacuum hose should be used to suck up any loose dust prior to fitting the sealing tape. It is good practice to work cleanly and precisely during this procedure.

Step 7:

Stick the black tape onto the white led panel running along side the black weight loading tray.



Important note:

The sealing tape must run alongside the weight loading tray and be stuck directly to the white led panel. do not stick the tape to the black tray. Be careful to keep the tape close to the black weight loading tray, this is to insure no light will spill and to keep the seal in place.



Step 8:

Once the seal has been completely fitted to the led panel, you should run the seal slightly over the top of the start point and knife between the two to give a perfect joint. Any gap could allow water to penetrate, so it is advisable to work carefully.

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Step 9:

Using a Stanley knife, carefully lift the backing paper off the sealing tape. Make sure you do not touch the adhesive surface of the sealing tape as this will reduce the efficiency of its adhesion.



Step 10:

Clean the led panel again making sure not to spray the cleaning fluid over the adhesive tape.

Preparing the 15mm top plate:

Both surfaces of the 15 mm top plate are covered in protective film. Remove one side of the protective film from the 15mm top plate.



Important note:

Only remove the protected film from one side of the 15mm top plate as the other protected film must remain on the top side of the plate. Normally the film that you should remove will be coloured blue. The other film will normally be clear with some slight lettering.

Note: The remaining film must be face up, as you will be unable to remove this once the panel is stuck in place.

The protective film will also protect the top plate from the final sealing gun.



STEP 11:

Repeat the above steps until all tiles are sealed and cleaned. Do not step on the led tile until the final 15mm top plate is applied.