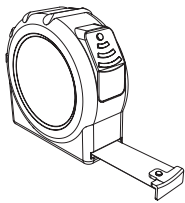
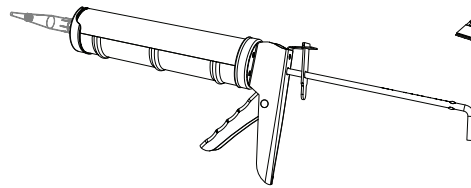


dECO Quiet Panel, dECO Quiet Board & dECO Deluxe – Direct Fix

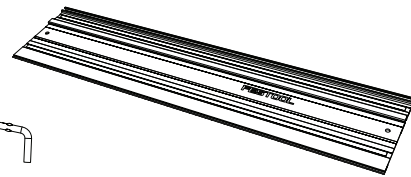
Tools you'll need:



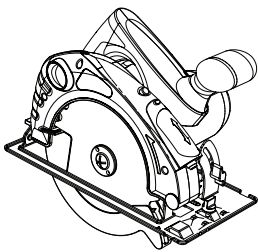
Measuring Tape



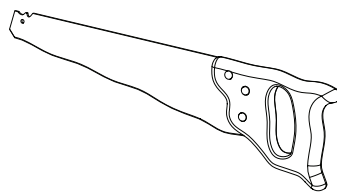
Adhesive



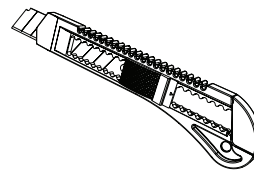
Festool™ Track and Guide



Fine-tooth Blade



Procut Insulation
Hand Saw



Knife



Hole Saw



Pointed Chisel



Pencil

Handling and Storage

To ensure unnecessary damage to panels we recommend the following:

- Carry boxes and panels upright.
- Do not bend panels.
- When moving panels, lift from both ends simultaneously.
- Panels should be kept on a flat clean surface.
- When handling ensure you have clean hands. Alternatively use clean gloves to reduce markings on light colours.
- Always ensure panel edges are protected so there is no risk of crushing.
- Store in a cool, dry place avoiding humidity.
- Do not stack panels higher than our recommended quantity below.

Panel Height	Recommended Max Stacked Qty
8mm	100 panels
15mm	75 panels
25mm	50 panels
50mm	25 panels

Maintenance - Cleaning

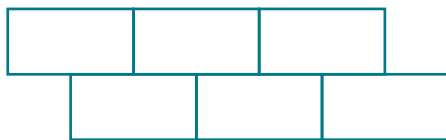
- Remove dust with a light vacuum or duster.
- Remove dirt with a soft cloth or sponge
- Always use a soft damp cloth and blot dry.
- Test a sample first. For more details, refer to CSR Martini Care & Maintenance Guide.

Installation Considerations

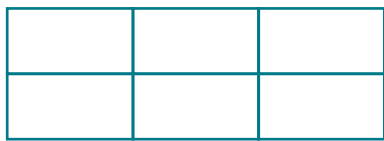
Ensure that you have the planned installation guide from your architect/builder to follow.

- Confirm how you are Installing panels

Brick Pattern (recommended) OR

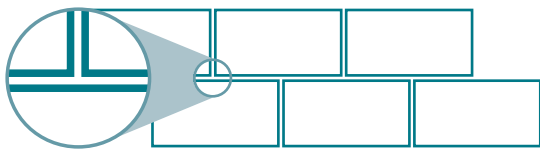


Soldiers (side by side)

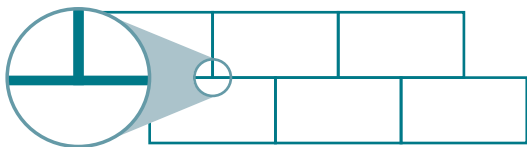


- Confirm the spacing of the panels

Shadow Line OR



Butt Join (no gap)



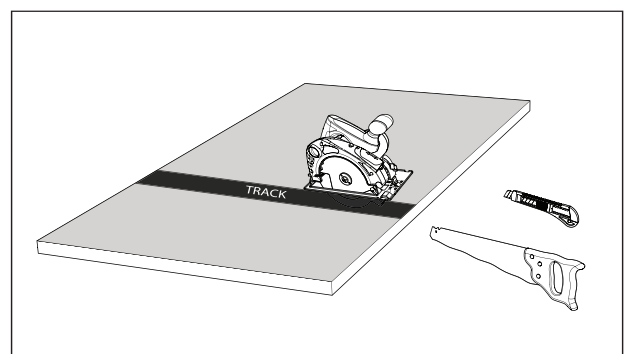
NOTE: If panels haven't been precision cut ensure all edges are squared before installing.

Substrate Preparation

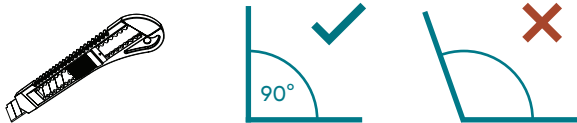
- dECO products can be installed on substrates including plasterboard, concrete and fibre cement. Not recommended for substrates with textured or rough surfaces.
- Before installation, ensure all joins and gaps in the substrate are sealed. Ensure the surface is clean, dry and free of dust, oil, old sealant or other contamination.
- Lightly contaminated surfaces should be wiped with Isopropyl Alcohol (IPA) using the 2-rag wipe method. Apply IPA to a clean lint-free cloth and wipe onto the surface to be cleaned to solubilise and remove the majority of the contaminant.
- A clean dry cloth should then be applied to remove remaining contamination and dry the surface.
- For more heavily contaminated surfaces or where the IPA does not remove the contaminant, a generic wax and grease remover should be applied using the same 2-rag wipe method. Once this has been completed the surface should be given a final clean with IPA using the 2-rag wipe method to ensure the surface is adequately prepared.

Cutting Acoustics Panels

- The recommended cutting method is to use a saw with track and guide with a granite blade, procut handsaw or Stanley knife.



- If using a blade, ensure the blade is 90 degrees to the surface for square edges and for best results on butt joints.



- Ensure the blade is sharp and not too long or flexible to avoid skew cuts.
- Replace the blade often to maintain sharpness.

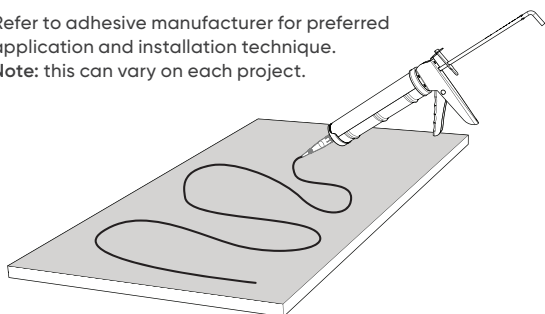


- For best results, use multiple cuts and light pressures.
- Take maximum care for best results.
- Keep flat and use a backing mat.
- Use a secure straight edge for straight cuts.

General Adhesive Applications

- Refer to adhesive manufacturer for preferred application and installation technique.
- Check supplier data sheet for suitability and perform a test piece to confirm material bond.
- Seal substrates and immediately clean off any spills from the visible surfaces.
- Press down flat with clean hands to ensure there are no air pockets between the panel and the surface.

Refer to adhesive manufacturer for preferred application and installation technique.
Note: this can vary on each project.



Specific Adhesive Recommendations

dECO products can be direct fixed with HB Fuller Toolbox Original Adhesive.

It's the installer's responsibilities to ensure adequate substrate preparation and correct amount adhesive is applied. Trial the adhesive to check the bond is satisfactory.

Ensuring sufficient bonded surface area is critical for achieving sufficient wet grab strength (initial grab) to hold the dECO products in place whilst the adhesive cures. Adhesive beads should be 8mm in diameter, which when compressed to 2mm film thickness should yield approximately 25mm of bonded surface area per bead.

Adhesive Application

The maximum spacing between adhesive beads and the number of adhesive beads required for the specific size and thickness of dECO product being installed.

Refer to the table below for guidelines.

Panel Size	M ² /Panel	Distance Between Adhesive Beads	Number Adhesive Beads/Panel
dECO Quiet Panel, dECO Quiet Board & dECO Deluxe from 7mm - 25mm			
2420 x 1210mm	2.92	~210mm	11
2720 x 1210mm	3.29	~210mm	11
dECO Quiet Panel, dECO Quiet Board 50mm			
2420 x 1210mm	2.92	~150mm	15
2720 x 1210mm	3.29	~150mm	17

Apply Toolbox Original Adhesive to the dECO products in straight beads running across the panel from long edge to long edge. In order to prevent 'squeeze out' of adhesive, it should not be applied any closer than 50mm to the edges or ends of the panel.

Toolbox Original Adhesive forms a skin within 10 - 15 minutes therefore avoid leaving applied adhesive for prolonged periods of time. Any skinned adhesive should be removed and reapplied. Cure rate is 2 - 3mm per day depending upon temperature and humidity.

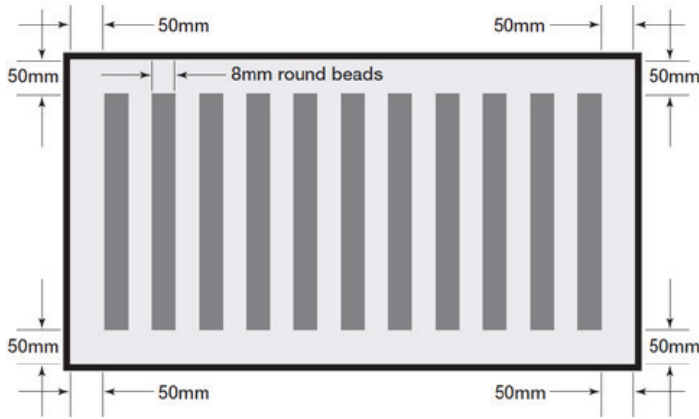


Figure 1 Example of adhesive bead placement for dECO Quiet Panel for 12mm and 25mm 2420 x 1210mm

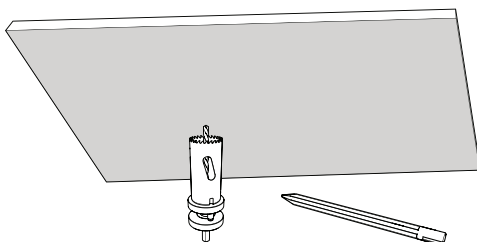
Managing Obstacles

When installing product around internal services simply cut product (using our cutting guide on previous page) and fit the product around the already installed services.

OR

If you need to create holes to insert services, you can use a Leister heat gun that has been modified with copper tube/ or a soldering iron. This will successfully melt holes into polyester acoustic products.

When using a hole saw to cut out for services, it's recommended that you operate the hole saw in reverse to avoid severe fraying of the acoustic fibres. Alternatively, a pointed chisel can be used.



Before Installing

Step 1.

Ensure nap of fabric (if applicable) is in the same direction.

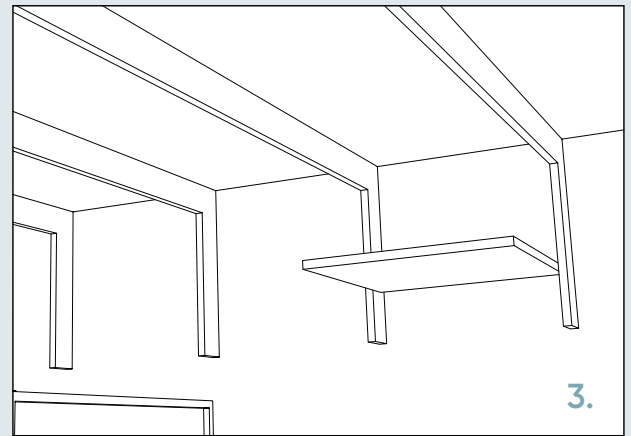
NOTE: On fabrics with a pile, like velvet, velour and corduroy, the hairs are not quite vertical but lie in a particular direction, known as 'nap'. You can feel the nap when you lightly run your hand long-ways over the right side of the fabric.

Step 2.

Cut to desired size (if applicable).

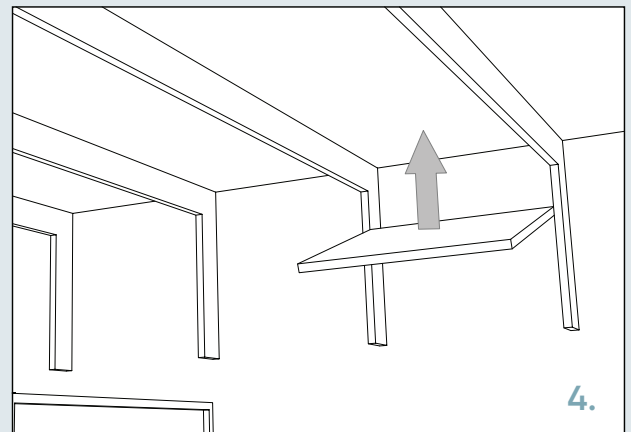
Step 3.

Apply adhesive to the back of the first panel as per manufactures instructions/ specifications. Ensure all edges are square. Nap in the correct direction.



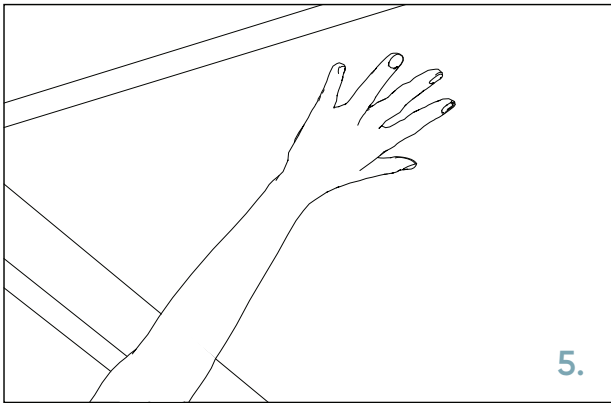
Step 4.

Place first panel with edge contact first following with the other half.



Step 5.

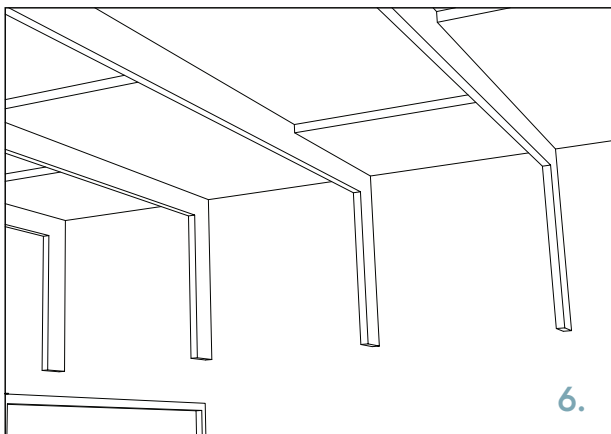
Ensure you have pressed it down flat with clean hands with no air pockets between the surfaces.



Step 6.

Repeat steps on other panels.

NOTE: we are showing a brick pattern with a shadow line in these instructions.



If you are creating a shadow line use a spacer to ensure panels are evenly spaced.

Step 7.

Repeat on all panels until complete.

