

ECHOFLEX™

INSTALLATION GUIDE

This guide is presented in good faith to assist in the installation of EchoFlex on plasterboard substrate. It is not intended as an all-encompassing guide, and a professional qualified installer is recommended for optimum results.

Woven Image accepts no responsibility for installation actions taken or not taken. Please refer to Woven Image Pty Ltd. Terms of Trade.

This installation guide contains only recommendations; if you have any questions about installation techniques please contact your distributor or Woven Image representative.

Please note:

- Exact colour matching cannot be guaranteed between batches.
- Fibre mix and surface texture may vary.
- Please check that all panels are the correct design, colour, shape and batch number (if requested).
- Allow for thickness variations due to manufacturing tolerances and any minimal unevenness of substrate.
- EchoFlex has an inherent nap direction. Ensure all product is installed with the same nap direction.
- No claims will be accepted after panels are installed.
- Ensure appropriate work safety regulations are met, e.g. protective clothing, eyewear and respiratory equipment

HANDLING & STORAGE

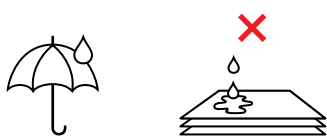
Ensure hands are **clean** or wear **gloves** for handling



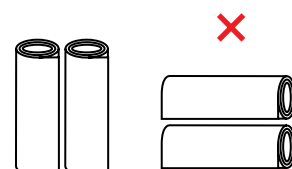
Keep all **surfaces clean** for storage and fabrication



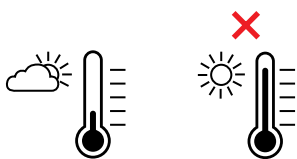
Keep **dry** and **avoid humidity**



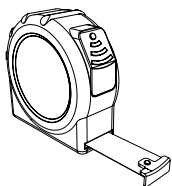
Always transport and store rolls **standing upright** - **do not** transport or store the rolls horizontally as this may **crush the nap of the fabric**.



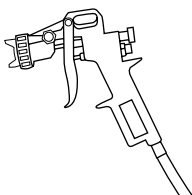
Store in a **cool dry** place, with **no direct sun**. **Avoid 65°C** or greater



TOOLS REQUIRED



Measuring tape



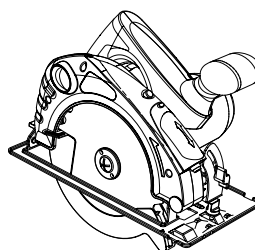
Adhesive



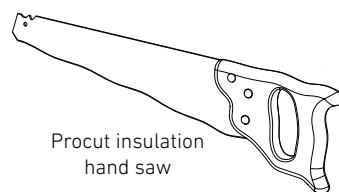
Pencil



Saw and track guide



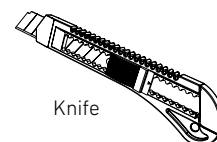
Drop saw with fine tooth blade



Procut insulation hand saw

OR

OR



Knife

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PREPARATION

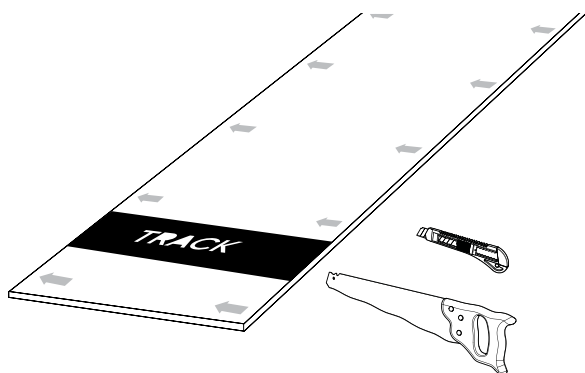
EchoFlex is supplied in either roll form or shorter lengths (2400mm and 2800mm). If it is in roll form, please ensure it is laid flat prior to installation to flatten any curving memory, this will remove any lift when installed.

Ensure the plasterboard substrate is flat, dry, stable, clean and free from dust, grease, loose material and contaminants.

Ensure all panels are installed with the fabric nap running in the same direction.

Cutting

- We recommend cutting the product using a saw fitted with a fine-tooth blade with track and guide, a Procut handsaw or Stanley knife.



- If you are using a blade, ensure the blade is 90 degrees to the surface for square edges, this will achieve the best result on butt joins.
- 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, take care and use multiple cuts and light pressure.
- Keep flat and use a backing mat.
- Use a secure straight edge for straight cuts.

Please note: When installing product around internal services, simply cut product and fit around the existing services.

OR

If you need to create holes to insert services, you can use a soldering iron. This will successfully melt holes into the product.

Adhesive

- EchoFlex can be directly fixed to wall surfaces using Tensorgrip X41 or Sabre S42 spray adhesive. For ceiling applications, Tensorgrip X41 or Sabre S42 must be used together with either TEC7 or SabreFix XT construction adhesive to ensure adequate adhesion and support.
- It is the installer's responsibility to ensure adequate substrate preparation and the correct amount of adhesive is applied.
- Ensuring sufficient bonded surface is critical for achieving a sufficient wet grab strength (initial grab) to hold the EchoFlex in place whilst the adhesive cures.

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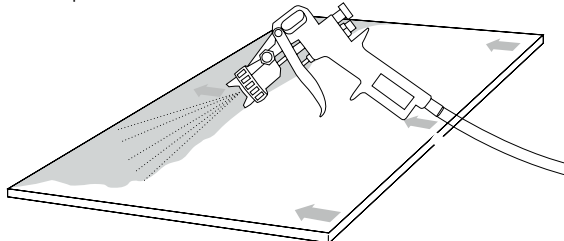
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INSTALLATION PROCEDURE

For Wall installations:

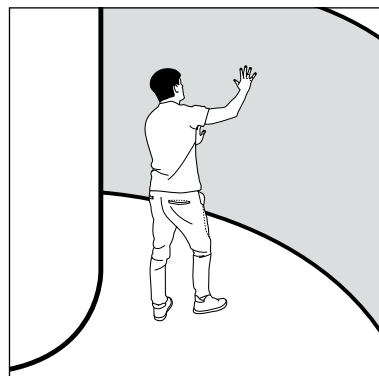
Apply the spray adhesive to both the rear face of the EchoFlex panel and the plasterboard substrate.

- Hold the spray gun approximately 100 to 200mm from the surface and maintain the gun at approximately 90° to the plasterboard substrate.



- Apply the spray adhesive to achieve 100% coverage across the entire bonding area.
- Apply the spray adhesive with approximately 50% overlap between adjacent spray passes to ensure a uniform coating.
- Apply the spray adhesive to the panel edges first, followed by the remaining panel area.
- Apply the spray adhesive to the wall or ceiling substrate in the opposite direction to the adhesive application on the panel to promote uniform coverage.

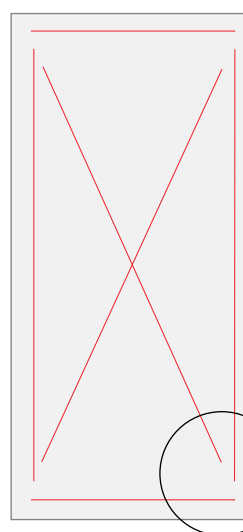
- Allow the adhesive to tack off until no adhesive transfers to the knuckles when lightly touched.
- Position the EchoFlex panel within the adhesive open time and accurately align before contact is made.
- Apply uniform pressure across the panel surface to achieve initial grab, apply firm and even pressure across the entire panel surface to achieve maximum bond strength.
- Ensure full adhesive contact is achieved across the entire panel area.
- Ensure that the panel is fully bonded, correctly aligned, and free from gaps, lifting, or edge curling.
- Inspect all panel joints for alignment and continuity of nap direction.
- Repeat steps for any remaining rolls of product.



For Ceiling installations:

In addition to TensorGrip X41 or Sabre S42 spray adhesive, apply TEC 7 or SabreFix XT MS Polymer adhesive to the rear face of the panel in 8 mm diameter beads.

- Apply a continuous perimeter bead 50mm from the panel edges, with additional beads laid diagonally across the panel as shown.
- Terminate all internal diagonal beads 50mm from the perimeter bead at each end of the panel.
- Repeat steps for any remaining rolls of product.



Ceiling panel - adhesive arrangement

Note: Apply the spray adhesive to the panel first, ensuring full coverage is achieved, before applying TEC7 or SabreFix XT MS Polymer construction adhesive beads.

MAINTENANCE & CLEANING

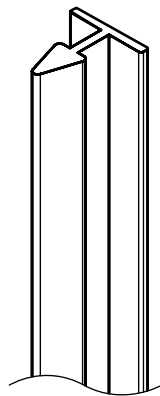
- Test a sample first. For more details, refer to Woven Image Care & Cleaning guide.
- Use Tensorgrip C101 Citrus cleaner to remove any glue overspray on EchoFlex fabric or adjoining surfaces.

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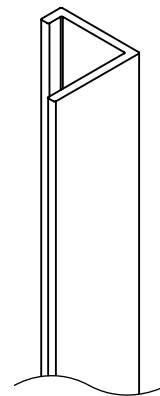
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TRIM PROFILES

Woven Image trim profiles come in 3000mm lengths, these can be easily trimmed on site using an appropriate drop saw or hack saw to match the height of the panel install.



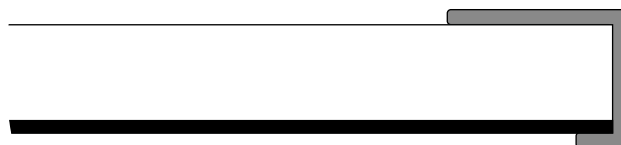
7mm T-jointer



12mm Edge trim

EDGE TRIM

The 12mm Edge trim is used to cover the edges of EchoFlex at the end of a wall. Prior to fixing the panel to the wall, friction fit to the trim onto the edge of the panel. Proceed with installation of the panel as per the instructions on the previous pages.



T-JOINER

The 7mm T-jointer can be easily installed between two panels that have been direct fixed to the wall. After ensuring the jointer runs the full length of the join, simply press the piece into the gap between the panels. The shape of the jointer will ensure a snug friction fit.