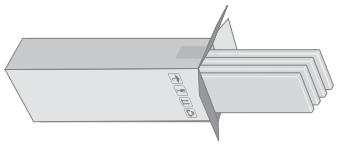
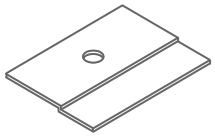
Ecoustic® Veneer Installation + Care

Wall + Ceiling Installation Components

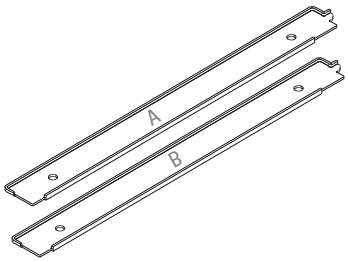
SUPPLIED IN EACH BOX



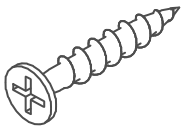
Ecoustic® Veneer panels
Sold in boxes of 4 panels (288 x 2700mm) per finish



Clips
24 supplied in each box



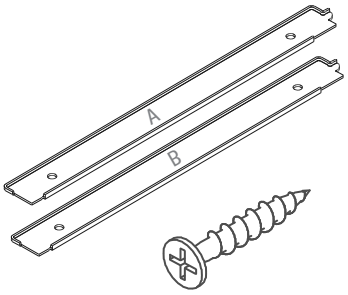
Expressed Joint Sets
4 sets (4 x A + 4 x B / 8 pieces in total) supplied in each box



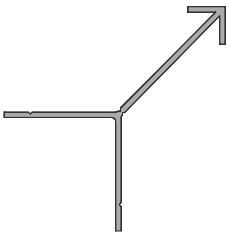
Screws for the Expressed Joints
16 supplied in each box

ORDER TO SUIT PROJECT

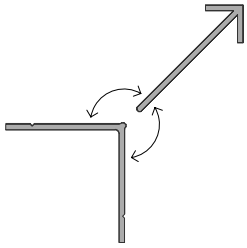
Frame Base + Frame Capping
Essential and sold separately
Supplied in 2750mm lengths



Additional Expressed Joint Sets + Screws
Can be ordered if required



External Corner Profile
Order separately if required
Supplied in 2750mm lengths



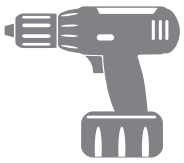
External Corner Profile
Spine pivoted or snapped off

INSTALLER TO SOURCE

8g
Pan Head
for the frame

8g
Wafer Head
for panel clips

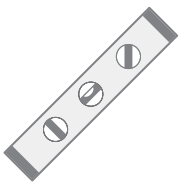
Pliers



Power drill

ESSENTIAL

Clean hands
Handle with care
during installation

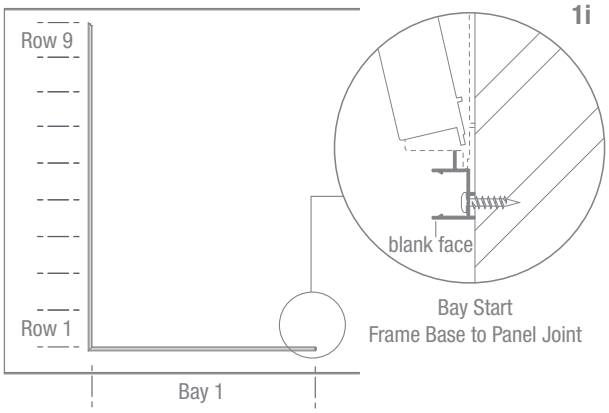


Spirit level

INSTYLE

Wall Installation

Step 1: Install frame base at sides of perimeter



Measure the total width and height of the installation. Start the following steps from the bottom left hand or right hand corner of the installation perimeter.

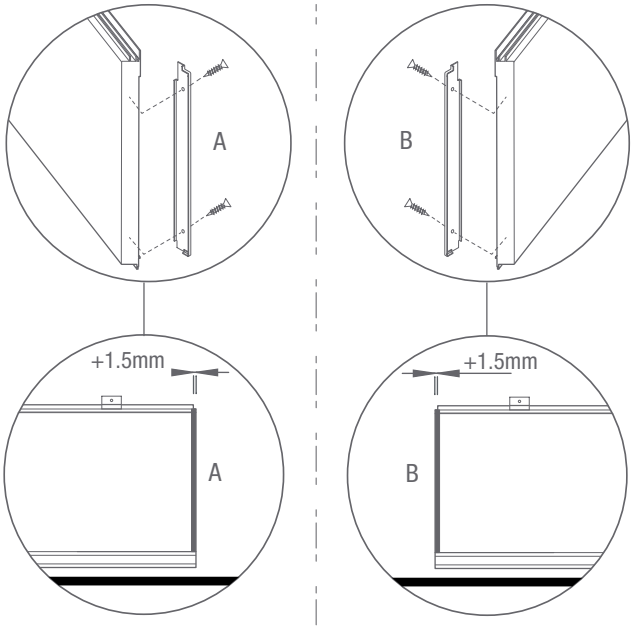
Cut and mount a length of the frame base with end mitre to fit the horizontal width of your first bay. Install with the blank face facing out as shown in image 1i.

Cut to fit and mount length(s) of the frame base vertically for the total height of your rows. Mitre cut junction to the horizontal frame base. Keep the blank face of the frame base facing out from the panel centre.

Step 2: Measure and cut first panel if required

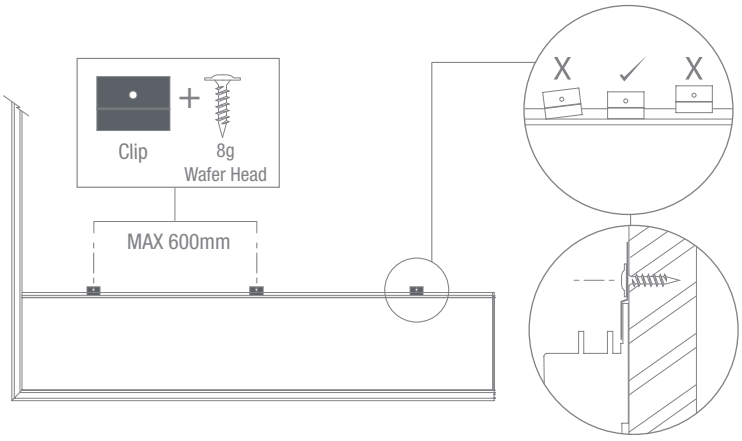
If required, measure and cut your first Ecoustic® Veneer panel to match your first bay width or height depending on the installation plan. Refer to cutting instructions on page 6.

Step 3: Fitting Expressed Joints



Prior to mounting panels, fit the Expressed Joints Sets A + B to both ends of the panel using only the screws provided.

Step 4: Mounting first panel

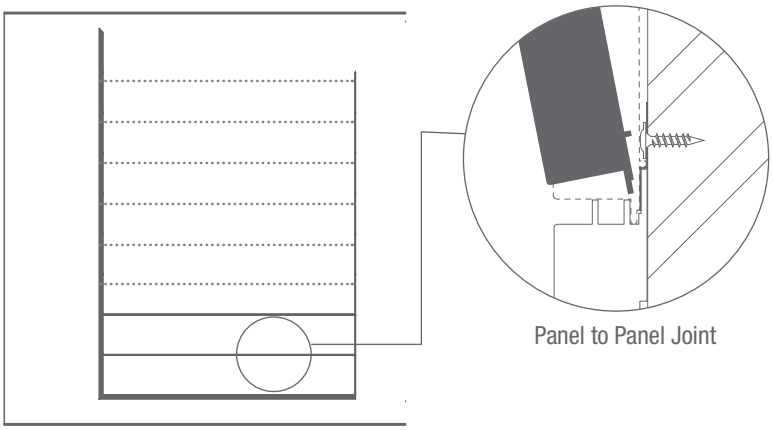


Mount the first panel into the frame base using the clips provided. Ensure the maximum spacing between the clips is 600mm. There are 6 clips per full length panel.

Ensure the maximum gap beside frame base is less than the 3mm capping flange.

Wall Installation

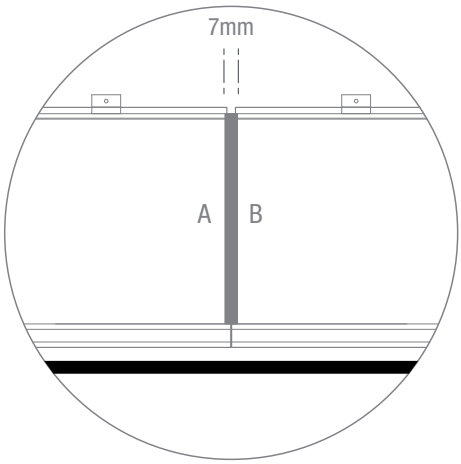
Step 5: Mounting second and further panels



Insert and secure the second and remaining Ecoustic® Veneer panels within the bay using the panel to panel shiplap interlocking profile and always securing with the clips provided.

Do not install the final row (or column if applicable) of Ecoustic® Veneer panel until later.

Step 6: Butt joining panels with Expressed Joints



Panels cannot be butt joined without fitting Expressed Joints A + B prior to mounting panels.

Repeat mounting the panels for the second bay.

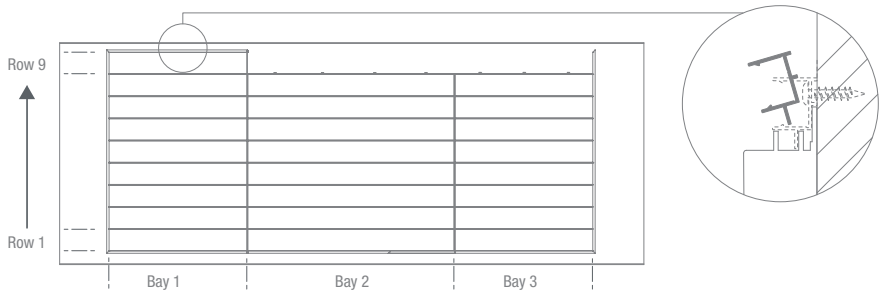
Expressed Joints A + B will increase panel length by 1.5mm per side.

Each Expressed Joint has a 2mm flange. When installed this creates an appearance of a 7mm Expressed Joint.

Where the Expressed Joint meets the external frame refer to page 7.

Wall Installation

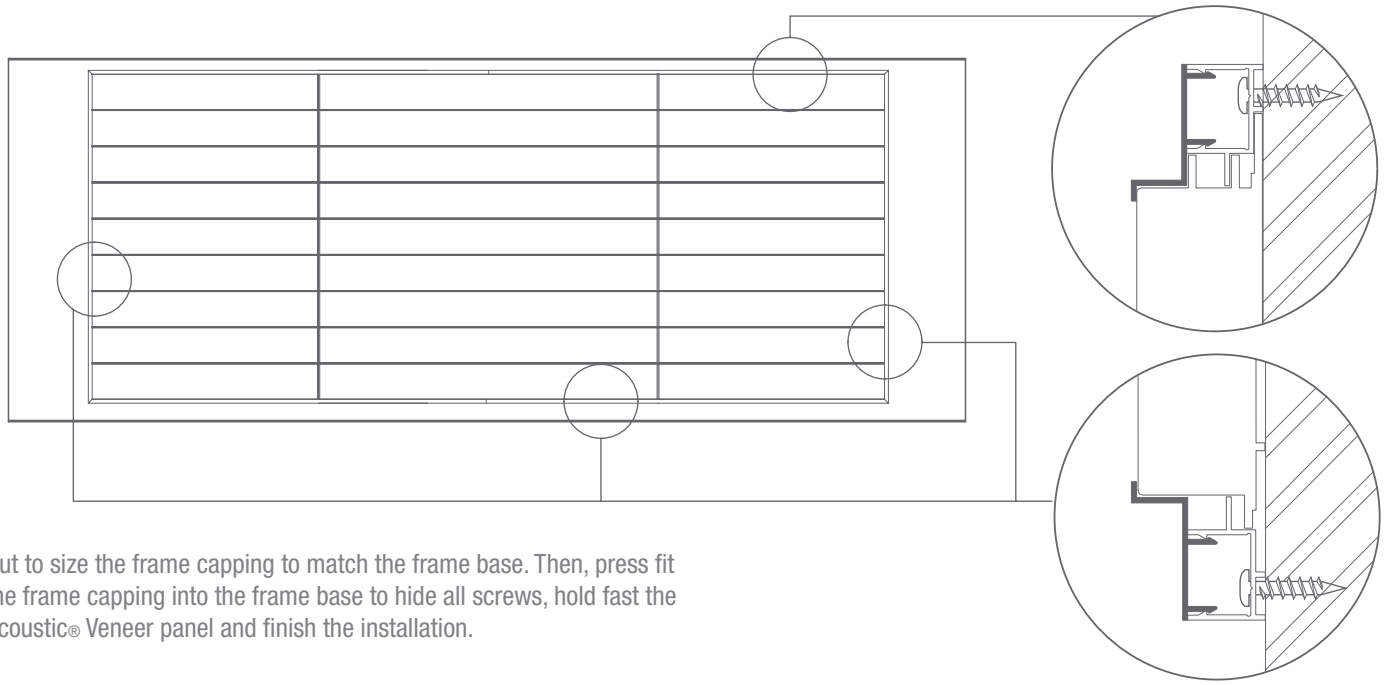
Step 7: Install frame base at the other perimeters



Install frame base on the other vertical side of the perimeter to interlock the panels in the last bay. Repeat until the last bay is complete, leaving the final row (or column if applicable) incomplete.

Continue to install the final row (or column if applicable) until the total installation is complete. Then install frame base at the top of the installation perimeter.

Step 8: Fitting the frame cap over frame base



Cut to size the frame capping to match the frame base. Then, press fit the frame capping into the frame base to hide all screws, hold fast the Ecoustic® Veneer panel and finish the installation.

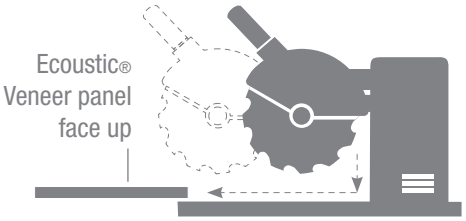
Wall Installation

CUTTING

BLADE TYPE

Use a blade with a thin kerf and as large a diameter as possible. A high tooth count will improve cut quality and a HiATB, Plastics or aluminium tooth profile will give best results.

Circular saw



Telescopic Mitre saw

RIPPING

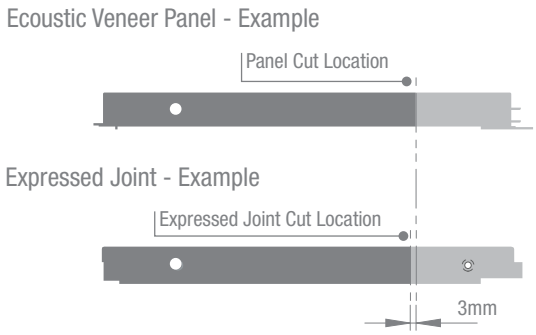
When cutting down the full length of an Ecoustic® Veneer panel (ripping) a hand held circular saw or circular table saw are recommended. It is important to have the blade at full depth and with the Ecoustic® Veneer surface face down. Fully support the Ecoustic® Veneer panel through the cut.

Important: It is important to install any ripped panels to the substrate using a suitable high build adhesive.

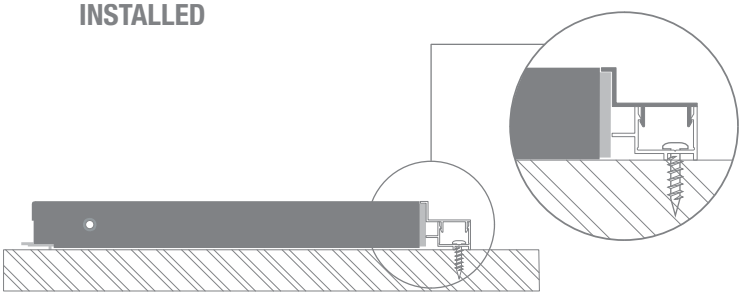
DOCKING

When cutting panels across the width to length (docking), for best results us a Telescopic Mitre saw. Perform the cutting operation with the Ecoustic® Veneer panel face up; start with the saw in the retracted position and extend it through the cut.

EXPRESSED JOINTS



INSTALLED



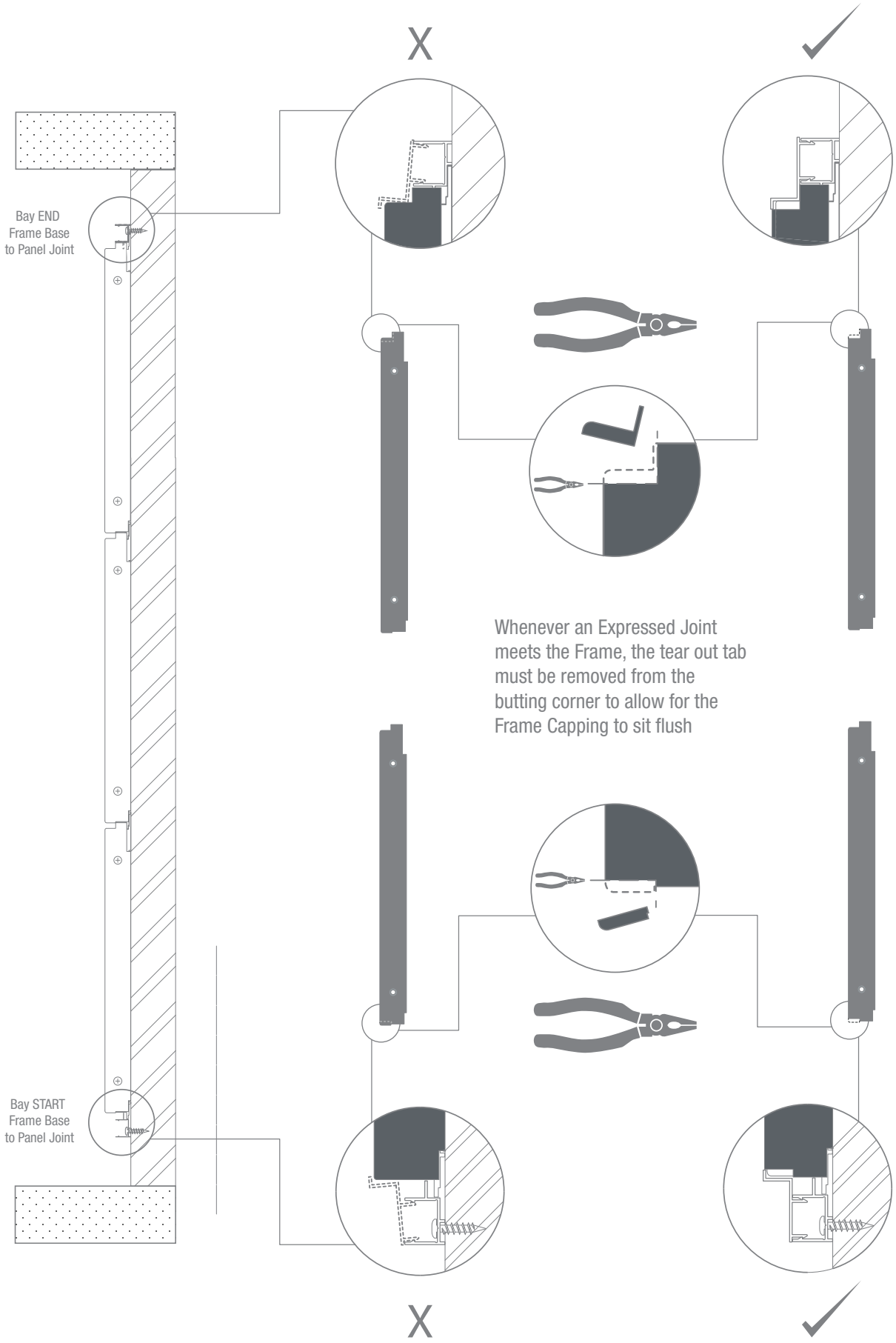
FITTING RIPPED PANELS

If a panel has been cut down the full length, the Expressed Joint will have to be trimmed. Complete this on a drop saw with a sharp aluminium cutting blade.

If the cut edge of the Ecoustic® Veneer panel is to finish against a Frame Assembly (Frame Base and Frame Capping) an allowance needs to be made for the Frame Capping. Step the cut of the Expressed Joint back 3mm from the Ecoustic® Veneer panel edge.

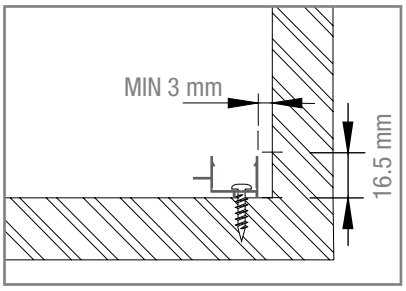
Wall Installation

FITTING EXPRESSED JOINTS TO ADJOIN FRAME ASSEMBLY

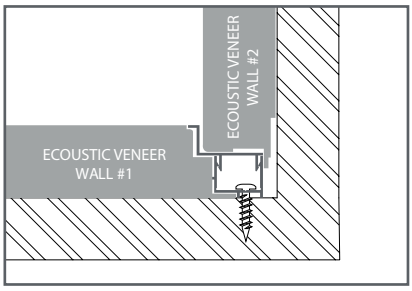


Wall Installation

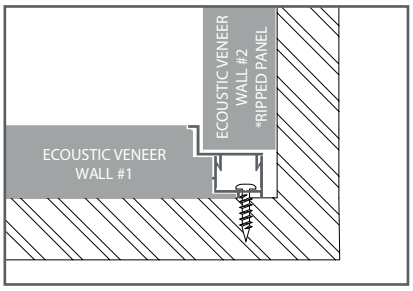
CORNERS



1



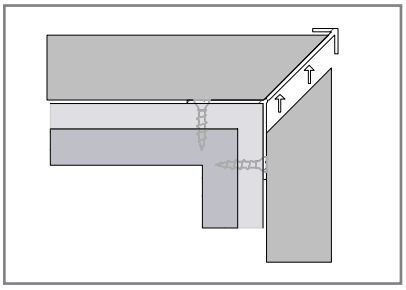
2i - Full panels

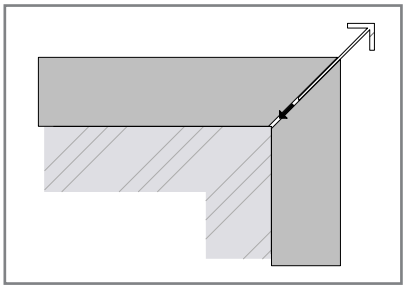


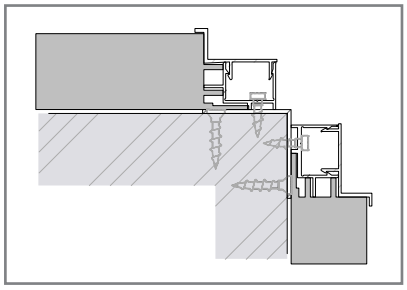
2ii - Ripped panels

INTERNAL CORNER METHOD

When working into a internal corner finish the first wall as per a typical installation method described in this document. Create at least 3mm clearance from the adjoining wall and the frame assembly.
When starting the adjoining wall, use the frame of the previous installation as your starting point as demonstrated in the image above.


Option 1: External corner profile mechanically fastened


Option 2: External corner profile spine inserted into panel mitre


Option 3: Standard frame base and capping secured to L extrusion

EXTERNAL CORNER METHOD

Option 1. External profile mechanically fastened to walls

The profile is intended for Ecoustic® Veneer panels ripped or docked with saw blade at 45 degrees. The result will be a relatively narrow, 10mm (0.39”) visible flange of the external corner at the panel junction corner.
Adhere and screw fasten the base of the external corner profile to wall surface / wall framing.
Measure, and dock or rip Ecoustic® Veneer panels at 45 degrees. Insert cut edge of Ecoustic® Veneer panels into the external corner profile, ensuring the panels are adhered to a suitable wall surface, and the leading edge of the cut Ecoustic® Veneer panels are concealed within the edging flange of the external corner profile.
The external corner profile is designed to incorporate a notched hinge that will allow the spine of the profile to be slightly pivoted if necessary to adjust the profile to allow for wall corner minor discrepancies.

Option 2. External profile spine inserted into panel mitre

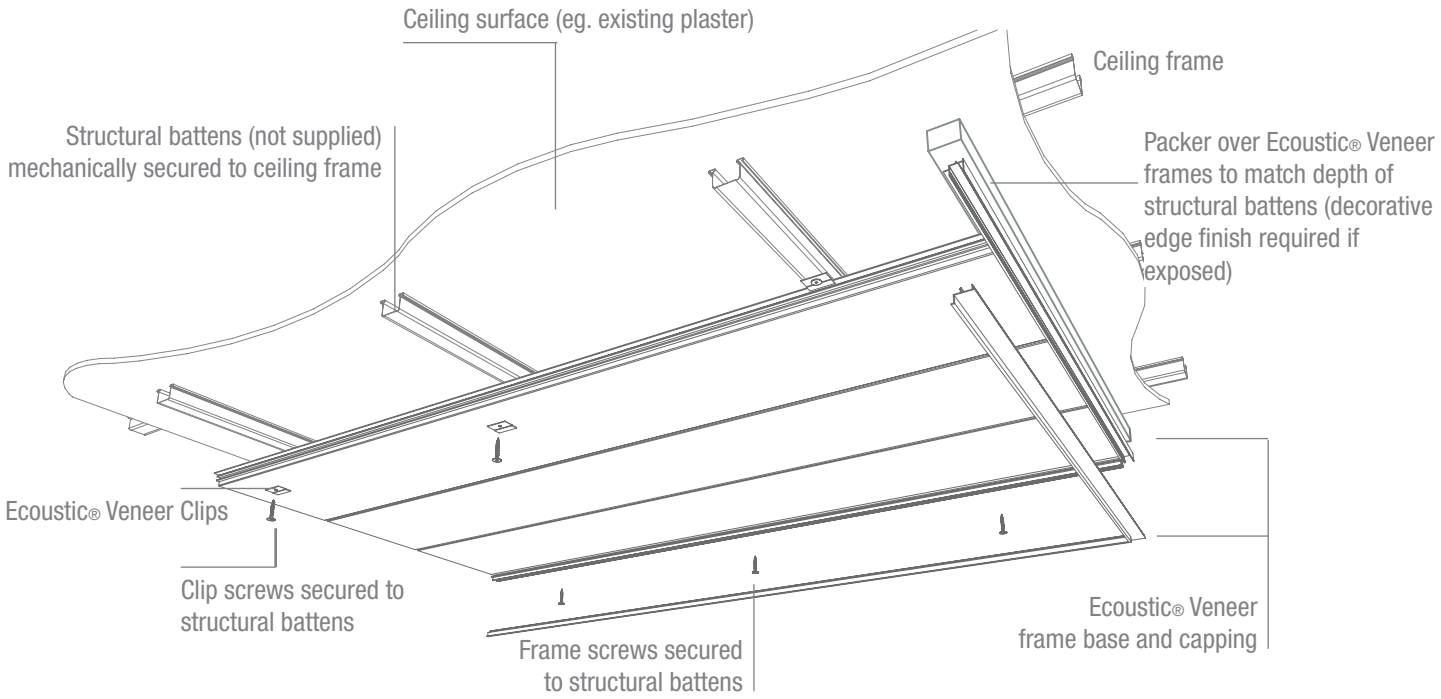
The notched hinge mentioned above also provides the potential for the spine of the external corner profile to be snapped off and inserted, plus adhered into the mitre corner of adjoining panels.
When using this option ensure adhesive is applied within the joint surface of the panels prior to inserting the external corner profile to ensure adhesive is fully concealed by the profile flange.

Option 3. Standard frame base and capping secured to L extrusion

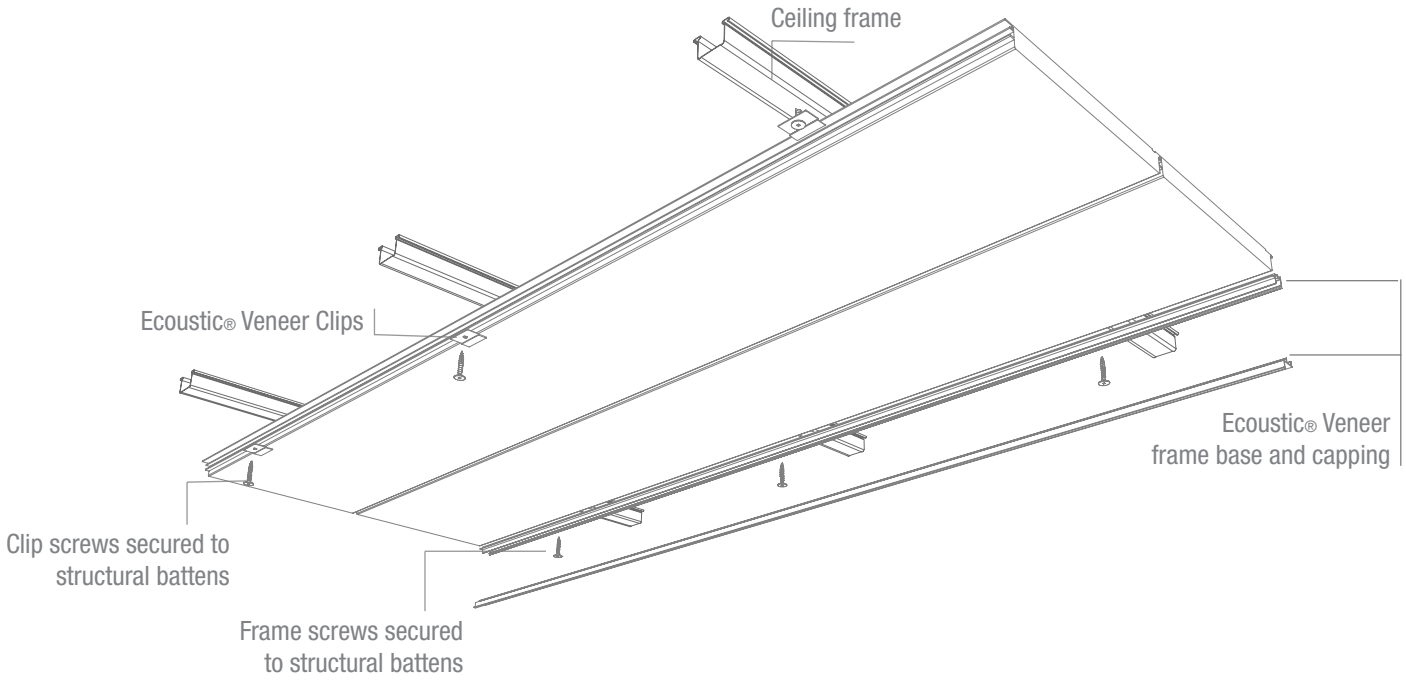
This option uses the standard Ecoustic® Veneer frame backing and capping profiles secured to a 30 x 30mm (1.18”) L shape extrusion of matching finish to the frames, which facilitates the abutment of uncut Ecoustic® Veneer panels into external corners. This option also incorporates the provision to adjust the profiles if required to accommodate use finishing wall corners with slight imperfections.

Ceiling Installation

Option 1: Aligned To Ceiling Frame
Please Note: Refer structural engineers specifications



Option 2: Perpendicular To Ceiling Frame
Please Note: Refer structural engineers specifications



Care

Regular Care
- Protect from direct heat and sunlight.
- To prevent dust build up, lightly dust with a soft cloth.

Spot Cleaning
- Always test cleaning products on an inconspicuous area prior to commencing cleaning.
- Blot any excess spills from the veneer with a dry clean sponge or cloth.
- Treat all stains and spills as soon as possible.
- Most marks can be spot cleaned by wiping the affected area with a damp cloth and a mild detergent or non-abrasive wood cleaning product.
- Do not saturate the veneer.
- Do not scrub or abrade the veneer as this will affect the surface finish.
- Allow to dry away from direct heat and sunlight.
- Do not use abrasive cleaners or pads and do not allow solvents to contact the surface of the veneer.