

Information and Installation Instructions

Intrim VJ Board Pro

INTRIM[®]
Architectural timber mouldings & profiles

Acclimatisation of Product Prior to Installation

- Intrim VJ Board Pro sheets should be delivered to a roofed and fully clad site at least 48 hours prior to installation and stored within the building close to where they are to be fixed in order to acclimatise.
- It is preferable to lie them flat in a low traffic area for their safety with the top sheet placed upside down to keep the top sheet clean.

Framing Required for Installation

Walls:

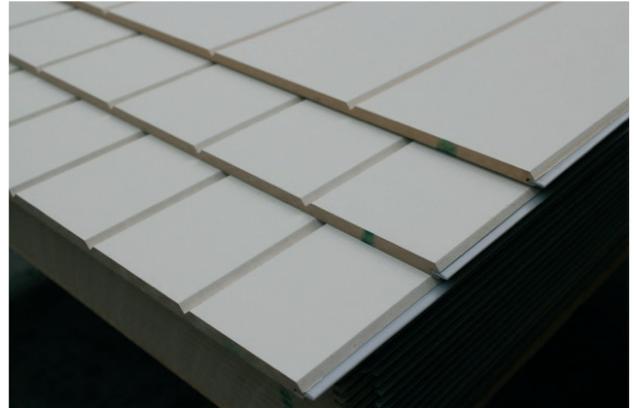
- Studs at no more than 450mm centres.
- Where sheets join between studs, noggins should be placed no more than 600mm apart.
- Where chair rail is used, a continuous row of framing noggling needs to be provided to allow the fixing of the top of the chair rail, bottom of the plasterboard and the chair rail.

Ceilings:

- Ceiling battens must not be greater than 450mm centres.

Tools and Equipment

- Tape measure
- A hand or power saw
- Pencil
- A planer
- Spirit level
- A caulking cartridge gun
- Construction adhesive
- PVA adhesive
- String line
- A P1 or P2 dust mask
- Hammer or nail gun
- 38mm anti rust nails or screws
- Safety glasses to comply with AS1337



Important Information for Installation

1. It is critical to ensure that the first wall sheet on each wall is plumb (use a spirit level) – otherwise the vertical grooves will not be parallel to windows and doorways. The edge in the corner may need to be trimmed or planed to allow this.
2. Place a 9mm or 10mm piece of timber or off cut of MDF under the bottom edge of the sheet, to raise it off the floor.
3. A 10mm gap must be left at the floor and top of the sheet when it goes from floor to ceiling.
4. A 10mm gap must be left at the floor when the sheet is only part way up the wall.
5. Do not put a nail or screw very close to the edge of the sheet as it may split.
6. ALWAYS use suitable PPE including dust/face mask, safety goggles and ear muffs when cutting sheets and make sure all dust is vacuumed up daily.

Where to Start Installation

- If sheeting both ceilings and walls, it is best to fix the ceiling sheets first. This will then set the sheet position for the end walls – it looks best if the ceiling grooves line up with the wall grooves.
- Decide how you wish to finish off internal and external corners before you install the first sheet.
- If sheeting walls, it is common practice to start in an internal corner and work around the room.

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Fixing Intrim VJ Board Pro to Framing

1. Use a flexible stud or construction adhesive and apply to all framing timbers in either a continuous bead or in “acorn” sized dollops. This also prevents vibration in the walls. As a guide, approximately 1/2 tube of adhesive is used per 2.7m sheet. This material usually comes in 300 gram cartridges. The adhesive must allow movement to take place. PVA adhesive is used for gluing corners together and mouldings in place.
2. Use 38mm finishing nails or screws that won’t rust, and fix to the studs at 600mm intervals and 300mm across the top and bottom of the sheet.
3. Leave a gap approximately 0.5mm between sheets to allow for structural movement and never “hammer” one sheet into the other. A 1mm gap per sheet should be left at all internal corners to allow for expansion.
4. Leave a gap of approx. 10mm at the top and bottom of each sheet to prevent wicking of water up the sheet and to allow for structural movement.
5. Place a 9mm-10mm packer or off-cut of MDF sheet under the bottom edge of the sheet, to raise it off the floor. You must allow a 9mm-10mm gap at the bottom and top of all sheets.
6. If fixing Intrim VJ Board Pro over existing wall cladding, it is important to nail or screw the sheets through the cladding into the underlying framework and apply a 5mm bead of adhesive in zig zag pattern to the back of the sheet you are fixing.

Cutting

Intrim VJ Board Pro wall sheeting can be easily cut with a handsaw or a power saw. When using a power saw, cut with the face side down. When using a handsaw, cut with the face side up.



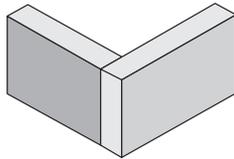
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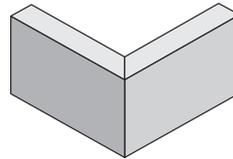
Finishing Options

When finishing Intrim VJ Board in ceiling or wall applications, there are a few options. Below are some examples of our recommended options for finishing corners and joining ends.

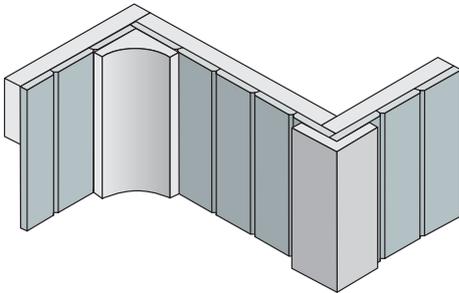
Butt Joint



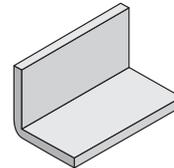
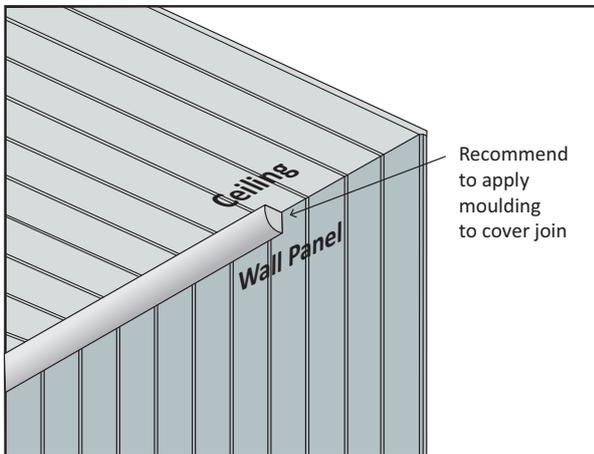
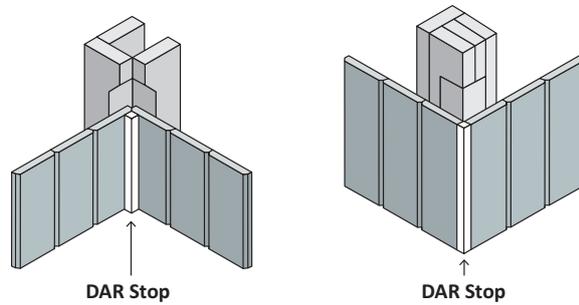
Mitre Joint



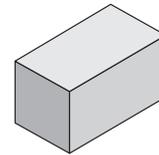
Internal and External Corners



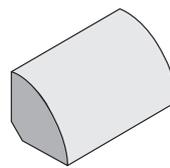
Internal and External Corners using DAR Stops



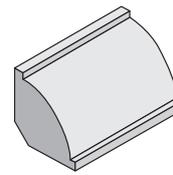
External Corner



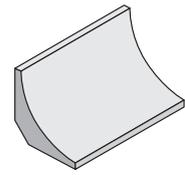
Stops DAR



Quad Corner Moulding



Ovolo Corner Moulding



Scotia Corner Moulding

If you do choose to finish with a chair rail, some of our popular profiles that compliment Intrim VJ Board are below.



CR23
French Provincial



CR42
Edwardian/Georgian



CR99
Hamptons



CR09
Colonial/Victorian

The process and installation method for each is detailed in the next section.

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Finishing an Internal Corner

Method 1: Scribe the second sheet so that it butts neatly up to the existing sheet.

Method 2: Butt-join the corner sheets (leaving a 3-5mm expansion gap) and fit a suitable moulding (e.g. square DAR, scotia, ovolo or quad) to cover any gap between the corner sheets.

It is good practice to always study and measure the walls in a room before commencing the installation to minimise waste.



Finishing an External Corner

Method 1: Corner mould

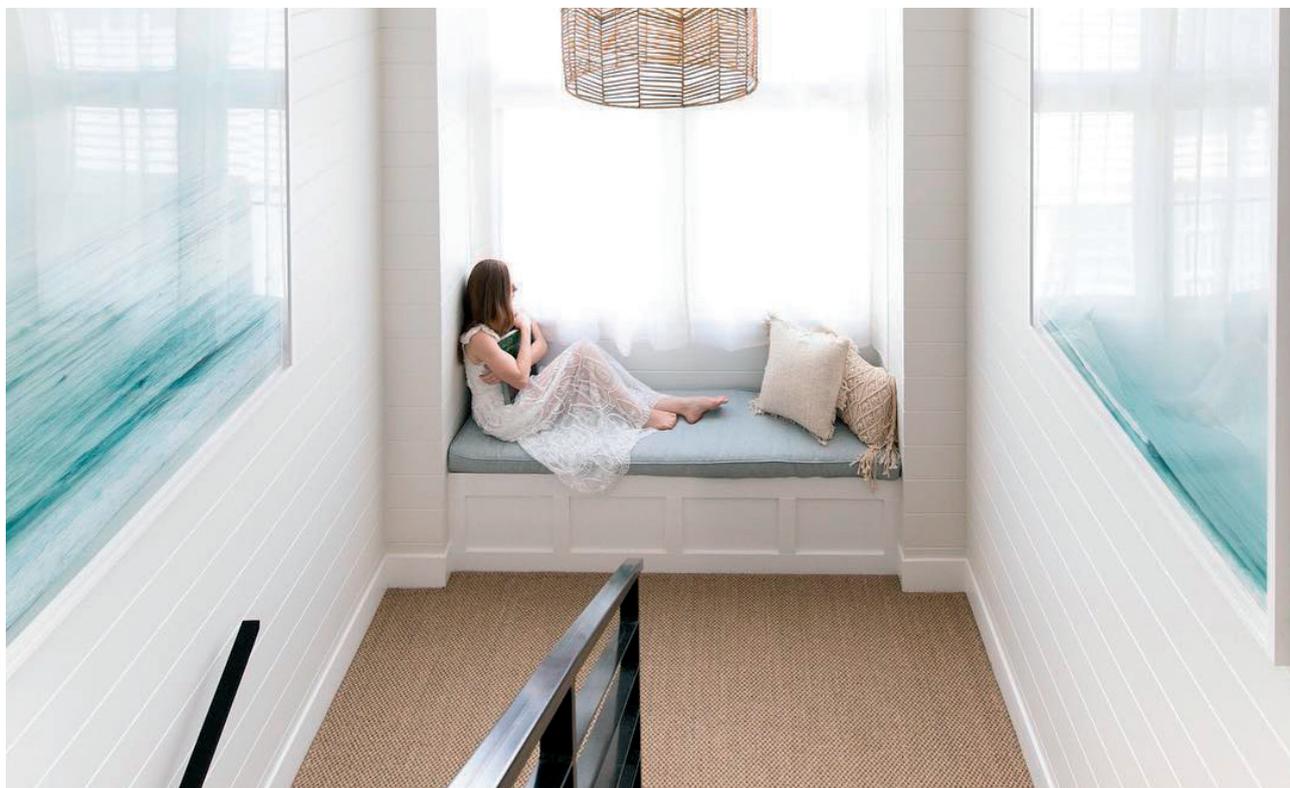
Trim the first sheet off level with the outside edge of the corner stud. Start the next sheet level with the outside edge of the trimmed sheet. Cover the join with an external corner timber moulding.

Method 2: Butt joint

1. Cut the corner sheet 9mm longer than the outside edge of the stud, being careful to cater for any run-out in the vertical plane or bows in the stud.
2. Scribe the second sheet to the line of the corner stud, again catering for any run-out in the vertical or bows in the stud. This forms a butt joint.

Method 3: Mitre joint

1. Using a router or track saw, form a 45deg bevel down the edge of each sheet. (This angle will vary from 45 if the corner is not a 90 degree right angle).
2. Fix the first corner sheet.
3. Apply glue to the length of the join and fix the second corner sheet against the first sheet. This forms a mitre joint.
4. Allow to thoroughly dry. Fill any gaps and sand smooth.



KEEPING YOU SAFE DURING INSTALLATION

We highly recommend for your safety that you follow the below steps when installing and working with Intrim VJ Board Pro:

1. It is important to control the dust that is produced when sawing or routing MDF.
2. A Class P1 or P2 filter/respirator should be worn to prevent the inhalation of the dust.
3. Dust should be collected and removed from the work area on a regular basis.
4. Ideally, hand power tools should be fitted with dust bags.
5. Keep the work area well ventilated.
6. Do not burn off-cuts. They should be disposed of as land fill.
7. Safety glasses or goggles should be worn if dust irritates the eyes.



TROUBLESHOOTING

Can I join sheets end to end to cover taller wall height or longer ceiling length?

It is difficult to achieve a good result when butt-joining wall or ceiling sheets as expansion and contraction over time will inevitably crack the join.

We recommend 2 options:

1. Plan to butt join the sheets in a position that can be covered with a timber cover strip; e.g.: the centre-line of the room, in line with an adjoining wall, at the leading end of the hallway, etc.
2. Design a pattern of cover strips (e.g. a square) that can be made to look like a feature, then join sheets under these strips.

What paint should I use to prime?

An acrylic sealer-undercoat should be applied as the base coat if purchasing or using unprimed sheets.

The back of my sheets are raw, do I need to prime them?

Only if the sheets are likely to be exposed to moisture, e.g.

- Sheets on the inside of external walls where no sarking is provided;
- All sheets being used in bathrooms, laundries etc;
- Ceiling sheets.

How can I Minimise Waste?

If the wall contains doorways or windows that are more than 1210mm wide, you can sometimes save material by starting to sheet at one edge of the opening; i.e. you can avoid cutting a large hole out of a sheet.

To fill in heads above doorways and floor-length windows less than 1210mm wide, you can use off-cuts, rather than cut large holes out of a full sheet. This is done using an off-cut and joining this to the v-groove of the next full sheet.

NOTE: The window and door head sheets must be installed as you go, otherwise you may not end up with a gap that is a full number of 'boards' wide. You will need to cut to the centre of the v-groove and router a groove to allow to install the tongue in the new join.

When you have finished one wall, you can use the off-cut from the last sheet to start the next wall if off-cut is large enough to be practical.

The Intrim VJ Board Pro tongue can be removed by pulling from one end of tongue using pliers. The tongue is interchangeable and may be used on either side of the sheet.

INTRIM HELPLINE

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