



These install instructions are of a general nature and are to be referred to when installing Acoustic Timber™ Panel™ and Raft™, as Acoustic Timber requires slightly different treatment. Please refer to the install instructions for the selected product as well as the below instructions.

These install instructions are designed to assist suitably experienced tradespeople in the installation of Acoustic Timber products to a high standard in common wall and ceiling applications.

For installation support, contact your account manager before you start.

Autex Acoustics® recommends that all persons engaged in the installation of Autex Acoustics products have full knowledge of the product and installation procedure as set out in the most recent edition of the manufacturer's instructions, and related documents. Copies of these documents are available on request or from the Autex Acoustics website.

Acoustic Timber™ Raft™

For Acoustic Timber™ Raft™ Beam 100 and Beam 250 install instructions, please refer to pages 15 - 29 of our Frontier™ Install Instructions.

Manufacturer's documents

Autex Acoustics recommends that all persons engaged in installing Acoustic Timber have full knowledge of the product and installation procedure as set out in the most recent edition of the manufacturer's instructions and related documents.

Manufacturer's documents relating to work in this section are:

- Acoustic Timber™ Panel™ Data Sheet
- Acoustic Timber™ Raft™ Data Sheet
- Acoustic Timber™ Panel™ Manufacturer's Guarantee
- Acoustic Timber™ Raft™ Manufacturer's Guarantee
- Acoustic Timber™ Install Instructions
- Cube™ Install Instructions
- Frontier™ Install Instructions

Copies of the above literature are available on request or from the Autex Acoustics website.

Inspection

Before starting the installation of Acoustic Timber, check that the materials have been supplied as ordered and are free from damage or faults. Check colours and product labels to ensure the product has been supplied correctly. Where multiple sheets of Acoustic Timber are required, it is important to check that all product is supplied from one batch.

Due to batch to batch variation, we do not recommend joining different batch lots as this could result in colour variation. Any variations must be reported to Autex Acoustics prior to commencing the installation.

Always ensure that the shop drawings have been signed off before ordering and installing. If you notice any inconsistencies, please contact your account manager. No claims will be accepted where the job continues with obvious faults and no consultation with Autex Acoustics has taken place.

Transportation, storage & handling

Acoustic Timber must be transported, stored, and handled with care. Acoustic Timber should be kept dry and stored indoors. Avoid delamination or distortion, and protect edges from being crushed. Do not accept damaged product. If the product arrives damaged, note the condition on the freight documents and contact Autex Acoustics immediately.

Goods signed as received in 'good condition' will not be the responsibility of Autex Acoustics. Always transport and store Acoustic Timber on a flat, clean, and dry surface.



Wall and surface preparation

Before work commences, all joints, gaps and cracks in the wall/ceiling substrate must be taped with propriety sealing tapes to eliminate the ingress of dust and foreign particles travelling from the cavity into the installed product over time. Ensure that the substrates, backgrounds and adjoining surfaces will allow work to reach the required standard. Autex Acoustics recommends that the wall/ceiling surfaces be prepared to a minimum Level 3 finish.

Very porous surfaces may need to be sealed prior to applying the adhesive. Gloss and semi-gloss finishes should be lightly sanded and dusted clean prior to application of the adhesive. All surfaces must be clean, dust-free and dry as dust and moisture will adversely affect the adhesive and may result in lack of adhesion.

On-site panel care

Acoustic Timber is a semi-rigid product that can be damaged if not handled with care. Avoid bending the packs and panels as this could cause creasing.

Do not store or drop the panels on their corners or edges as this will cause damage. Clean cloth gloves are ideal when handling panels to avoid soiling.

Recommended adhesive

Autex Acoustics recommends a contact-type adhesive or full curing panel adhesive for applying Acoustic Timber Panel to most common substrates. Prior to commencing work, we recommend contacting your local adhesive supplier with samples of the Autex Acoustics products you are installing and the specification of the substrates you are installing to. It is the installer's responsibility to ensure that any adhesive is fit for the intended purpose. It also is the installer's responsibility to ensure that the substrate is fit for the application of adhesives and Autex Acoustics products. For information regarding adhesive suppliers, please contact your Autex Acoustics account manager.

Please take extra care when using adhesives as the printed side of the panels cannot be cleaned with a citrus cleaner in the way our standard products can.

We recommend using a guard to avoid overspray. Fit the product to the wall and apply pressure by hand. Apply even pressure to ensure adequate adhesive transfer and a strong bond. Be careful not to abrade the surface when making contact with the Acoustic Timber. Do not use a roller to apply pressure on the surface.

Installing Acoustic Timber™ Panel™

Acoustic Timber Panel should always be installed in accordance with these install instructions, and as per the specification detail and customer requirements. If there is conflicting information, you must seek clarification from all appropriate parties before proceeding with the work. It is imperative that the installation is planned before cutting any product. We recommend that you "measure twice and cut once". For further information, please refer to the Cube install instructions.

We recommend cutting through the face of the Acoustic Timber Panel using a straight edge to ensure a straight cut. Where possible, please place the straight edge on the excess of the panel to reduce friction and rubbing on the part of the panel that is to be installed.

Do not rub the panel surface at any point during installation as rubbing may cause surface wear. Do not step on the panel surface. Avoid scratching the panel surface. Ideally Acoustic Timber Panel should be installed in low traffic areas to avoid damage to the surface. If you have any concerns about the install location, please contact your account manager.

In instances where Acoustic Timber Panel is being used in conjunction with other Autex Acoustics or externally supplied components, please take extra care when applying these to the Acoustic Timber Panel.

Lay a drop cloth on the floor when removing the product from its packaging to protect the panel surface from any contamination and friction.

Joints should ideally always be vertical, clean, and flat with no gaps or visible compression marks. Panels will be manufactured ready for butt joining along the vertical joints.

Avoid contaminating the panel surface with adhesive, solvents, or any other chemicals during installation. In the case of adhesive spills or surface contamination, do not clean the surface with any liquid. Consult a specialist cleaning company immediately.

Fixtures

Remove cover plates, light fittings and other fixtures as the work proceeds. Replace, plumb, square and true to line as the work is completed.

Note: All electrical plumbing, fire safety appliances and fittings should only be removed and re-installed by an appropriately qualified person.



Penetrations

The fire and acoustic performance of walls and ceilings can be reduced by penetrations for plumbing, electrical switches, light fittings etc. For walls or ceilings that require a Fire Resistance Level (FRL) and/or are acoustically sensitive, it is recommended that, wherever possible, such penetrations are avoided. Where penetrations are necessary, only appropriately rated proprietary sealants and fittings should be used.

If unsure, we recommend consultation appropriately qualified person is undertaken to ensure the buildings performance objectives are maintained.

Heat generating devices

Localised high temperature conditions may be present in the following situations, which may be detrimental to wall and ceiling linings:

Including, but not limited to:

- Radiant heaters
- Lighting
- Heat pumps
- Reverse cycle air conditioners
- Solid fuel stoves

For more information, refer to the current documents below:

- NCC provisions for installation of heating appliances, fireplaces, chimneys and flues
- AS 2918 Domestic solid-fuel burning appliances — Installation
- AS 5601 Gas installations
- AS/NZS 3000:
- Unit manufacturer installation instructions

All appliances including lamps, luminaires and their associated ancillary gear should be installed so as not to cause the Acoustic Timber surface temperature to rise above 80°C.

On completion

Leave work to the standard required by following all listed procedures. Leave work secure, smooth and free of air bubbles, wrinkles, gaps, stains, and blemishes. Remove debris, unused materials, and waste from the site.

Service

For more information, contact your Autex Acoustics account manager or visit our website www.autexglobal.com

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