



**Autex  
Acoustics®**

# Groove

# Install Instructions

These install instructions are of a general nature and are designed to be referred to when installing Groove. Please refer to the Cube™ Install Instructions as well as the below instructions.

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

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

## Manufacturer's Documents

Autex recommends that all persons engaged in installing Groove have full knowledge of the product and installation procedures, 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:

- Autex Cube Datasheet
- Autex Cube Manufacturers Guarantee
- Autex Cube Install Instructions
- Autex Groove Lookbook
- Autex Groove Install Instructions

Copies of the above documents are available on request, or from the Autex website.

## Heat-Generating Devices

Refer to the Cube Install Instructions when installing heat-generating devices near Cube panels.

## Inspection

Before starting the Groove installation, double 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 Groove 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 and pattern variation.

There may be slight variations in depth between different groove rows, and within each groove row. This is not a product fault and is an inherent characteristic of the product. We recommend laying panels side by side on the floor to ensure that all grooves are aligned before installing panels next to each other.

Check that the depth of the grooves on one edge of the panel match the depth of the grooves on the adjacent edge of the next panel.

For custom Groove designs, always ensure that the shop drawings have been signed off before ordering and installing. If you notice any inconsistencies, please contact your Autex account manager.

Any variations must be reported to Autex prior to commencing the installation. No claims will be accepted where the job continues with obvious faults, and no consultation with Autex has taken place.

## Transportation, Storage & Handling

Groove must be transported, stored, and handled with care. Groove 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 immediately.

Goods signed as received in 'good condition' will not be the responsibility of Autex.

Always transport and store Groove panels on a flat, clean, dry surface.



## Recommended Adhesive

Autex recommends using a contact-type adhesive or full curing panel adhesive when applying Groove to most common substrates. Prior to commencing work, we recommend contacting your local adhesive supplier with samples of the Autex 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 products. For information regarding adhesive suppliers, please contact your Autex account manager.

## Wall And Surface Preparation

Before work commences, all joins, 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 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.

## Installing Groove General

Groove should always be installed in accordance with these install instructions and the Cube Install Instructions, as well as 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 and installing any product. Groove panels are supplied at the dimensions stated on your local brochure/datasheet.

We recommend working within dimensions that allow trimming to size.

We recommend you 'measure twice and cut once'. For further information, please refer to the Cube Install Instructions.

Please take extra care to ensure the pattern is joined at the correct points to create a seamless finish. Joins should ideally always be vertical, clean, and flat with no gaps or visible compression marks. Groove panels are manufactured with a bevelled edge to allow for improved butt joining.

Adhesives should be applied strictly in accordance with the adhesive manufacturer's instructions. Refer to the product label or the technical datasheet for spread rates, tack-off times, application methods, and equipment required.

Adhesive spills or surface contamination should be cleaned immediately, ensuring fabric care instructions on the Cube Datasheet are followed.

The job should be progressively checked for appearance, installation quality, and adequate adhesion. Any variations in colour or appearance must be notified and discussed with your Autex account manager. No claims will be accepted where the job continues with obvious faults, and no consultation with Autex has taken place.

## Installing Groove Walls

Refer to the Cube Install Instructions for guidance on installing Cube panels on walls.

Before installing on a wall, temporarily lay all Groove panels side by side as they will be on the wall and make sure that all rows of grooves are aligned. Also check that the depth of the grooves on each edge of the panel match the depth of the adjacent grooves on the next panel. If the groove depths do not match, rearrange the panels until you get matching depths.

We recommend starting the installation with the first panel in the middle of the wall, then work out from either side. Before installing any subsequent panel, double-check that the groove alignment and depth matches that of the previous panel beside it.

Joins should ideally be vertical, clean, and flat with no gaps or visible compression marks.

For custom Groove patterns, please refer to the Autex drawings supplied. If the product appears to not match these drawings, please contact an Autex account manager before continuing the installation. No claims will be accepted where the job continues after differences between the drawings and product have been identified, and no consultation with Autex has taken place.



## Installing Groove Walls

Groove can be installed to a flat ceiling substrate or direct fixed to battens. Refer to the Cube Install Instructions for guidance on installing Cube panels on ceilings.

Before installation, temporarily lay all panels side by side as they would appear on the ceiling and make sure that all rows of grooves are aligned. Also check that the depth of the grooves on each edge of the panel match the depth of the adjacent grooves on the next panel. If the groove depths do not match, rearrange the panels until you get matching depths.

When installing adjoining panels on the ceiling, double check Grooves align across the panel joins.

When screw fixings are used to fix Groove to the ceiling, ensure that the screw fixings are only applied to the flat surface and should not be placed in any groove.

## Cutting Groove

Refer to the Cube Install Instructions for cutting of Cube panels.

Caution should be taken when cutting Groove.

Use of personal protective equipment such as cut resistant gloves and safety glasses is advised.

Follow the manufacturer's use and safety instructions, as well as site and individual safe working practices and requirements.

## 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 consulting an appropriately qualified person to ensure the building's performance objectives are maintained.

## Replace

Replace damaged or marked elements.

## Clean Up

Clean up as the work proceeds.

## On Completion

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

## Service

For more information, contact your Autex Account Manager or visit our website [www.grayking.com.au](http://www.grayking.com.au)

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