

These installation instructions are of a general nature and designed to assist suitably experienced tradesmen install Autex Cube™ to a high standard in common wall and ceiling installations.

For installation support, contact your Autex Account Manager before you start.

## Manufacturer's Documents

Autex recommends that all persons engaged in installing Cube™ 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:

- Autex Cube™ Datasheet
- Autex Cube™ Manufacturers Guarantee
- Autex Cube™ Install Instructions
- TensorGrip X30 Technical Data Sheet

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

## Inspection

Before starting installation of Autex Cube™ check again that the materials have been supplied as ordered and are free from damage or faults. Check colours and product labels to ensure product has been supplied correctly.

Where multiple sheets of Cube™ are required, it is important to check that all product is supplied from one batch. Due to batch to batch variations, we do not recommend joining different batch lots as this could result in colour variation. For best results, ensure Cube™ panels are applied with same side facing throughout the job. Look for the label '**This side to the wall**' for easier identification.

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

Cube™ must be transported, stored and handled with care. Avoid delamination or distortion and protect edges from being crushed.

Do not accept damaged product. If product arrives damaged note the condition on the freight documents and contact Autex immediately. Goods signed as receipted in 'good condition' will not be the responsibility of Autex.

Always transport and store Cube™ on a flat, clean and dry surface.

## On-site Panel Care

Cube™ panels are 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 Cube™ to avoid soiling.

## TensorGrip X30 Adhesive

TensorGrip X30 is a specially formulated premium contact-type adhesive that is the Autex recommended product for applying Cube™ to most common substrates including new and existing plasterboard, concrete block, plywood, MDF and particleboard. TensorGrip X30 is a double-stick adhesive so both surfaces must have adhesive applied.

If TensorGrip X30 is not to be used it is the installer's responsibility to ensure any alternative adhesives are fit for intended purpose. It is also the installer's responsibility to ensure that the substrate is fit for the application of adhesives and Autex Cube™.

## Substrate

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.

### Install Cube™ – General

Autex Cube™ should always be installed in accordance with these Installation 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 and installing any product.

Autex Cube™ panels are supplied as standard 2400mm (+10mm/-0mm) x 1200mm (+5mm/-0mm) to allow trimming to size. We recommend all panels are measured and squared-up prior to installation.

We recommend you “measure twice and cut once”.

Adhesives should be applied strictly in accordance with the adhesive manufacturer’s instructions. Refer to the product label or the technical data sheet 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.

### Install Autex Cube™ – Walls

Autex Cube™ should be installed to a clean, flat wall substrate that is prepared in accordance with the recommendations listed above.

For ease of installation we recommend that you install each Cube™ panel individually. This includes the application of adhesive and rolling the panel.

Apply the adhesive to the Cube™ panel and substrate as measured for the Cube™ panel, ensuring the adhesive manufacturers instructions are followed correctly. Extra adhesive can be applied to the wall along butt-joints to ensure adequate adhesion and a tight joint. Care should be taken not to apply excessive adhesive along joints as this can leak at the seams when pressure is applied.

Ensure the adhesive has tacked-off correctly then fit the Cube™ panel to the wall. Where joining Cube™ panels with a butt-joint it is recommended the panel is fitted firmly to the joint first, then smoothed out to the edges applying even pressure to ensure adequate adhesive transfer and a strong bond.

Finally roll the Cube™ panels towards the butt-joints, then roll the entire Cube™ panel to ensure adhesive transfer and a strong bond. Small wallpaper and vinyl rollers must not be used. A wide roller approximately 100-150mm is ideal.

Continue as above for all panels until complete.

### Install Autex Cube™ – Ceilings

Autex Cube™ can be installed to a flat ceiling substrate or direct fixed to battens.

When Autex Cube™ panels are installed overhead a combination of adhesive and mechanical fixings are required. Fixings must take into studs, battens or a solid substrate minimum 25mm and where there is no chance of threading or pulling out. These guidelines assume the use of screws.

### Fix to Ceiling Substrate

Autex Cube™ should be installed to a clean, flat ceiling substrate that is prepared in accordance with the recommendations listed above.

For ease of installation we recommend that you install each Cube™ panel individually. This includes the application of adhesive, screw fixing and rolling the panel.

Apply the adhesive to Cube™ panel, and the substrate as measured for the Cube™ panel, ensuring the adhesive manufacturers instructions are followed correctly. We recommend the additional use of construction adhesive around the perimeter and through the length of the Cube™ panels at 400mm centres to help ensure strong bond.

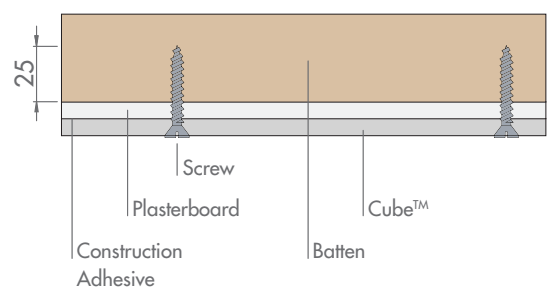
Care should be taken not to apply excessive adhesive along joints as this can leak at the seams when pressure is applied.

Ensure the adhesive has tacked-off correctly then fit the Cube™ panel to the ceiling. When joining Cube™ panels with a butt-joint it is recommended the panel is fitted firmly to the joint first, then smoothed out to the edges applying even pressure to ensure adequate adhesive transfer and a strong bond.

Screw fixings are also recommended to secure the Cube™ panels to ceilings. Where combination of adhesive and screw fixings are being used screw fixings can be set at 600mm centres in all directions. Avoid over-tightening the screws as this may pinch the Cube™ material.

Finally roll the Cube™ panels towards the butt-joints, then roll the entire Cube™ panel to ensure adequate adhesive transfer and a strong bond. Small wallpaper and vinyl rollers must not be used. A wide roller approximately 100-150mm is ideal.

Continue as above for all panels until complete.



CUBE™ FIXED TO CEILING SUBSTRATE

### Fix to Ceiling Battens

To ensure a tidy and flat installation make sure the batten surfaces are flat and flush as Cube™ panels will show any undulation caused by miss-matched joints or protruding fixings.

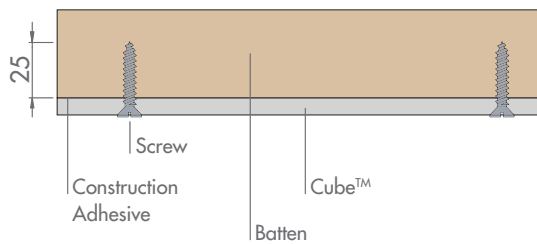
Battens should be 45mm minimum width and centres should be set at 200mm to reduce the potential of the Cube™ panels pillowing or sagging.

Construction adhesive must be applied along the length of the batten prior to screw fixing.

Where panels butt allow a minimum 45mm fixing area for each edge of the Cube™ panel to ensure the edges can be securely fixed. This may require double-battening. The screw thread must take at least 25mm purchase into battens. Avoid over-tightening the screws as this may pinch the material.

Fixing position should be maximum 300mm centres around the perimeter and through each panel.

We recommend fastening Cube™ panels from one side to the other to help avoid pillowing and sagging through the middle of the panel.



CUBE™ FIXED TO CEILING BATTENS

### Cutting Cube

When cutting Autex Cube™ use a circular saw with a narrow blade with a minimum of 80 teeth. This will ensure a smooth cut. You may want to duct tape the saw's shoe so that it doesn't scratch up the surface as you cut. Lay Cube™ face-side down and cut from the back to the front. Mark off the line you want to cut using masking tape. Alternatively you can use reverse toothed high carbon steel jigsaw blade with ground teeth which cuts down rather than up so top surface maintains its finish. This is also the best option for making curved cuts.

### Fixtures

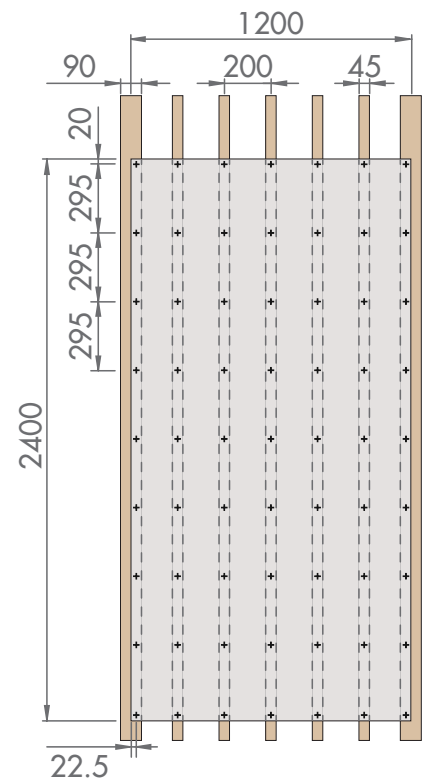
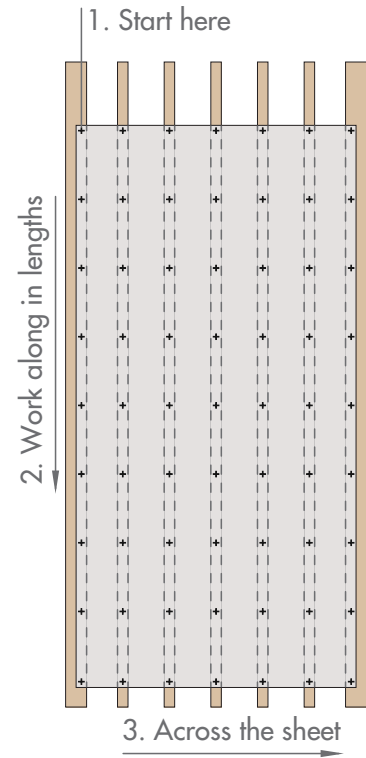
Remove cover plates, light fittings and other fixtures as the work proceeds. Replace plumb, square and true to line as the work is completed.

### Replace

Replace damaged or marked elements.

### 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.