



**Autex  
Acoustics®**

# 3D Ceiling Tiles

# Install Instructions

3D Ceiling Tiles are designed to be installed in standard 600 x 600 x 24mm T suspended ceiling grids.

These installation instructions are of a general nature and designed to assist suitably experienced tradesmen to install 3D Ceiling Tiles to a high standard.

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

Take care when working around electrical wiring and other services, treat all wires as live.

## Manufacturer's Documents

Autex recommends that all persons engaged in the installation 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:

- 3D Ceiling Tiles Datasheet
- 3D Ceiling Tiles Install Instructions
- Autex Interior Acoustics Care and Maintenance Guide
- 3D Ceiling Tiles Manufacturer's Guarantee

## Inspection

Before starting the installation of 3D Ceiling Tiles, check that the materials have been supplied as ordered and are free from damage or faults. Check product labels to ensure the product has been supplied correctly.

It is important to check that all boxes are supplied from one batch. Due to batch to batch variations, we do not recommend installing different batch

lots as this could result in colour variation. 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

3D Ceiling Tiles must be transported, stored and handled with care. Avoid delamination or distortion and protect edges from being crushed.

Do not accept damaged ceiling tiles. If the 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 3D Ceiling Tiles on a flat, clean, dry surface. Do not lay the ceiling tiles on their sides or crush as this will cause creases in the tile finish.

## Health and Safety

The use of personal protection equipment is not required to handle 3D Ceiling Tiles, though care must be taken to keep the job, clean and the use of cotton gloves is recommended.



## Recommended Tools

- Soft cotton gloves
- Sharp utility knife
- Ladder

## Site Preparation

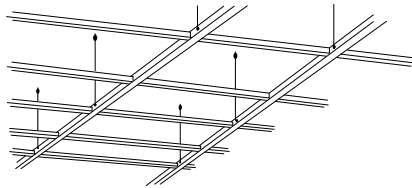
The site conditions at the time of installation should be clear of dust, debris and foreign particles.

Installation should only commence once the building is fully clad, water-tight, dry and all wet processes have been completed.

## Installation of 3D Ceiling Tiles

Before installing your tiles, it is important to ensure the grid has been installed with accordance to the local Building Code, as per manufacturers' specification and is true and square.

Install all fittings and fixtures including those with penetrations through ceiling tiles i.e. heat sensors, around sprinkler heads, and light fittings.



Note: Lighting and other fixtures, must be independently supported in accordance with the structural design principles standard NZ 1170 (or local standard). 3D Ceiling Tiles should not be used to support lighting and other fixtures. Ensure there are sufficient hangers to support the overall installed weight.

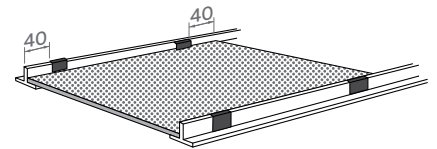
When cutting penetrations make multiple shallow passes and proceed with care. Note that 3D Ceiling Tiles cannot be trimmed to size and must be installed whole. Autex Workstation can be ordered, cut to size and installed to fill half tiles where needed.

3D Ceiling Tiles should be cut face-side up with a very sharp utility knife.

3D Ceiling Tiles are made from 100% polyester and will not chip, crack or break. 3D Ceiling Tiles can flex when installing in the grid but avoid excessive bending.

To install the 3D Ceiling Tiles, slightly tilt the tile and angle it through the ceiling grid and gently place it into position. Be careful not to catch the corners or edges on the grid system.

Install tiles in rows, clipping tiles in as you progress. Use a ceiling tile clip compatible with your ceiling grid system and which locks the tile firmly against the grid. Autex recommends four ceiling tile clips per tile -- two along each long edge measured in approximately 40mm from the corners.



On the final row, select an arbitrary position to leave a tile unclipped as this will allow access to the ceiling cavity.



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## On Completion

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

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## 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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