

## Introduction

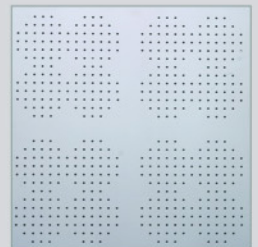
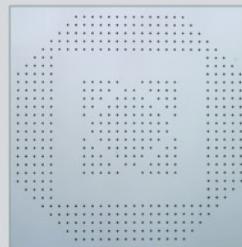
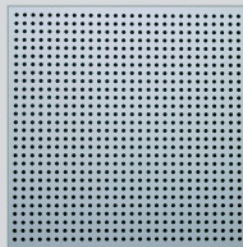
Artistic Ceiling tile systems are non-combustible decorative false ceiling. They offer an economical yet visually pleasing way to conceal services running underneath structural ceiling. Artistic Ceiling tiles are manufactured from a calcium silicate matrix. They are durable and easy to install. Its moisture resistant property makes Artistic Ceiling suitable for humid areas where relative humidity (RH) is up to 98%, semi-exposed applications and where buildings are not yet weather-sealed. Artistic Ceiling is manufactured to ISO 9001 quality management system and ISO14001 environmental management system, and has obtained the Green Product Label Award issued by National Environment Protection Bureau.



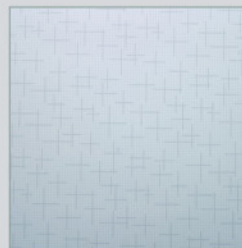
## Description

Artistic Ceiling tiles are manufactured with light-weight calcium silicate boards having undergone a unique coating process. The finished products are made available in 3 main series: Acoustic Series, Colour Series and Textured Series. A wide range of pattern and colour, finish is available for selection.

### ● Acoustic Series



### ● Textured Series



### ● Colour Series



# Sizes & Colours

## • Standard sizes

595 X 595 X 4.5/6mm

603 X 603 X 4.5/6mm

600 X 1200 X 6mm

## • Colours



Note: Other colours, textures, patterns and sizes can be produced to special order.

# Specific Properties



Easy to clean by mild solution of detergent



Green recycled products



Easy to install



High flexural strength with minimal sagging



Excellent dimensional stability



Moisture resistance and avoid condensation



Good acoustic performance



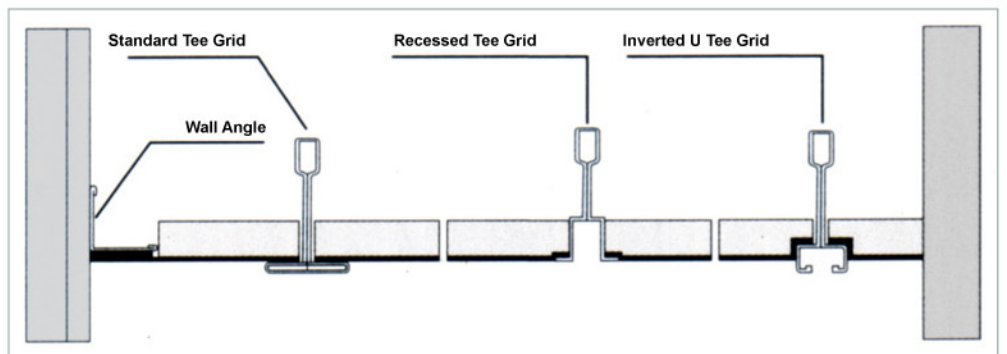
Non-combustible BS476: Part 4



Good thermal insulation helps save energy



Wide range of colours, patterns and textures



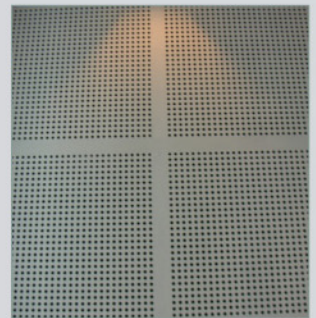
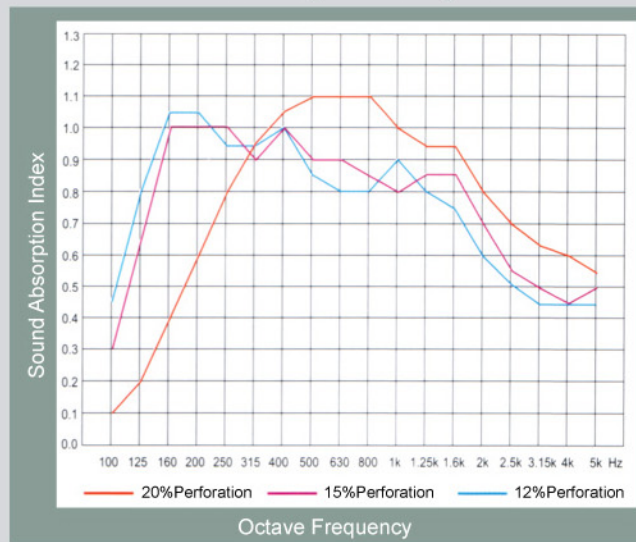
Typical Installation Details

## Installation

Artistic Ceiling tiles can be easily cut on site by using a sharp fine-toothed panel saw or hacksaw. Place tiles face down on a clean, smooth surface for cutting. When power sawing and sanding, nuisance dust levels may need to be controlled. In order not to damage the finishes of ceiling tiles, it is recommended that the installer should wear gloves to lay the tiles. For better acoustic and thermal insulation performance, a layer of mineral wool or fibreglass can be laid on top of the ceiling tiles or panels.

The acoustic performance of ceiling tiles depends highly on the percentage of perforation. Below is a graph detailing the relationship between acoustic performance and percentage of perforations on ceiling tiles for user's information.

Acoustic Ceiling / Partition System



## Acoustic Performance



Perforated Artistic Ceiling can be used as sound absorption ceiling in opera house, lecture theatre and office.

## Storage & Handling

All ceiling materials and finishes are fragile and must be handled with care. Avoid dropping, rolling or sliding packing of ceiling materials. Stack Artistic Ceiling tiles and panels flat on pallets or timber bearers for fork-lift handling. At sites where such facilities are not available, take extra care in off-loading and handling materials. Use pallets or timber battens to keep ceiling materials off the floor. Place on a clean, dry, flat surface in a secure area protected from weather.



## Applications

Artistic Ceiling systems are designed for most commercial and industrial uses. Acoustic Series, colour series and textured series meet the needs of functional performance and decoration in the following aspects:

- Offices
- Libraries
- Hospitals
- Entertainment buildings
- Hotels and restaurants
- Exhibition centres
- Washrooms and kitchens
- Galleries
- Indoor swimming pools



## Health & Safety

Artistic Ceiling is formulated without asbestos or sepiolite or any inorganic fibres. When using power saws or sanders in a confined space, dust extraction equipment is recommended to control dust levels. Artistic Ceiling is designed for non-load bearing construction and must not be walked on as they are not designed to take additional load between grids; if there is a risk of this occurring, warning notices should be displayed. Fixers must ensure that they work from adequate and safe platforms where necessary.