



**Suitable Applications:**



OPEN OFFICES



RESTAURANTS



ATRIA



SCHOOLS & COLLEGES



RECEPTION AREAS



CONFERENCE CENTRES



CORRIDORS



GYMS



PUBS & BARS



SHOWROOMS

Please note, MuffleTile are not designed to be used in swimming pools or outdoors environments.

**MuffleTile** direct fix acoustic ceiling tiles are adhered directly to the ceiling and offer a perfect solution for areas where there is minimal ceiling height.

**Advantages:**

- High level of sound absorption- CLASS B
- Painted white finish to match most ceilings
- Easy installation



### What is MuffleTile

- Class B absorber at 30mm
- No chemical fibres
- White finish with bevel edge
- Impact resistance
- No framework required for installation
- Ideal for use in schools, offices, restaurants; anywhere where good speech intelligibility and acoustics are required



### Technical and Acoustic Performance



MuffleTile is used to reduce echo and reverberation to create a comfortable, acoustically correct environment.



#### Cleaning

Light dirt marks may be removed by using a proprietary carpet spot cleaner. A small area should be tested before doing the rest of the area to ensure that the fabric is not adversely affected.



#### Density

MuffleTile have a density of  $13.33\text{kgm}^{-3}$ . All volumetric mass densities are given as approximations.



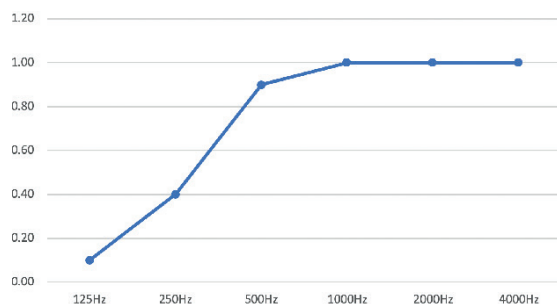
#### Fire

MuffleTile has been tested and offers Class O fire rating BS476: Part 6.



#### Cutting

MuffleTile can be cut with a sharp stanley knife.



#### $\alpha_p$ Practical Sound absorption coefficient

Thickness	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	$\alpha_w$
30mm	0.8	0.7	1.0	1.0	1.0	0.9	0.85

$\alpha_w$  is an A weighted sound absorption coefficient calculated in accordance with BS EN ISO 11654.

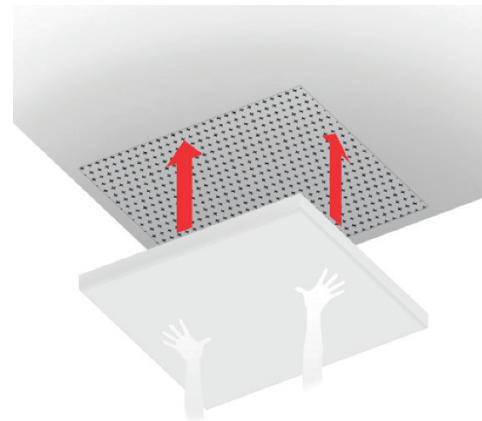
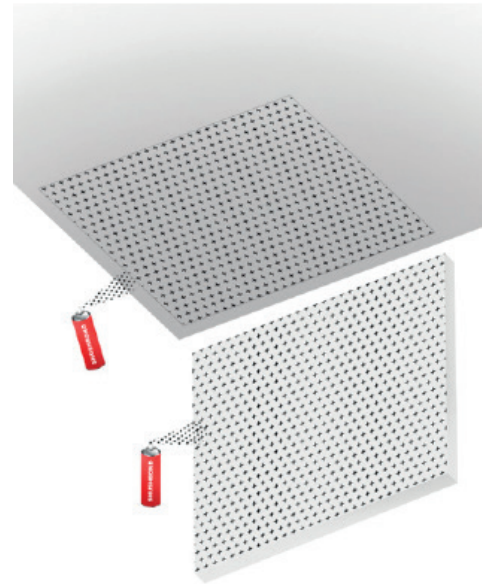
## Installation

Lightly trace the tile edges onto the desired installation area.  
Spray the adhesive vertically onto the reverse of the tile surface and then horizontally onto the desired installation area.

After waiting for the adhesive to dry (2-5 minutes at 23°C) carefully align the tile to the marked area and push gently. Once confident with the tile positioning, press firmly over the entirety of the surface and ensure maximum contact has been made.

MuffleTile acoustic tiles are easy and quick to install and do not require any specialist tools. The sound absorbing tiles can be cut on site by using a sharp knife. The tile is light weight and very easy to handle for quick installation.

MuffleTile is bonded using contact adhesive; make sure that 100% of the tile is covered with the contact adhesive. Also ensure that 100% of the ceiling surface is covered in the adhesive. When applying the tile to the surface there must be no dampness, condensation or cold bridging; the ceiling surface must be flat and not have any residue which will affect the bonding of the tile to the surface. 1 can of our contact adhesive (500ml) is required per three tiles.



## Product Specification

### Product

MuffleTile direct fix acoustic tile. 1200x600x30mm.  
Affix using contact adhesive.

### Storage

Protect product from excessive moisture when storing and handling.


### Installation

As per guide, simple and easy.

### Supplier

 [www.muffle.co.uk/muffletile.html](http://www.muffle.co.uk/muffletile.html)

 [info@muffle.co.uk](mailto:info@muffle.co.uk)

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