

TBS Acoustic Baffle



TBS Baffles installed in school circulation area



TBS Baffles installed in school dining hall

Acoustic Performance

The noise absorption coefficient is given below, measured in accordance with ISO 354 (reverberant room method).

Equivalent Absorption Area per Baffle (m2)

	Hertz: 125	250	500	1K	2K	4K
TBS Baffle 44mm						
300 x 1200	0.10	0.20	0.50	0.70	0.70	0.70
600 x 1200	0.15	0.45	0.95	1.20	1.20	1.15
TBS/Y Baffle 30mm						
300 x 1200	0.15	0.30	0.70	1.15	1.20	1.15

Application

TBS Acoustic Baffles are used to control reverberation and reduce noise levels in all types of building. In many sizes and a range of 46 colours, they can transform the acoustic and aesthetic environment of schools, open plan offices and large public spaces. In industrial locations they are easily installed around existing services and are effective in reducing long reverberation times in high roofed buildings. All TBS Baffles are 44mm thick, apart from the special slim TBS/Y Baffle which is only 30mm thick.

Description

TBS Acoustic Baffles consist of pre-finished TBS panels framed with pre-coated steel channel. The TBS core - a resilient, highly noise absorbent acoustic rockfibre - is finished with a smooth pre-painted acoustic tissue available in the full TBS colour range. The strong perimeter frame is available in a variety of colours, and make baffles easy to handle - so they are quick to install and easy to remove if required. Special aluminium framed versions are available for potentially corrosive atmospheres (e.g. swimming pools) or hygienic applications.

Cleaning

Individual baffles can be cleaned by brushing, vacuum cleaning or light sponging. Baffles with a white painted TBS/W face can be wet cleaned

Resistance to Humidity

TBS Acoustic Baffles are resistant to 100% humidity and can be installed in newly constructed buildings before they are fully weathertight.

Fire Performance

TBS Baffles are composed of incombustible materials. They meet the highest international standards for ceiling products including Class O under the UK Building Regulations.

Installation

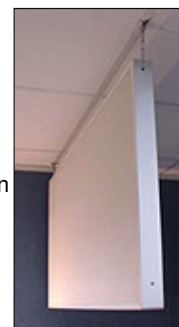
There are several types of TBS Baffle frame. This allows for rigid or flexible installation in a variety of systems. Typical suspension is direct from a ceiling bracket or by chain from a ceiling hook. Alternative types of frame and suspension methods are shown overleaf.

Sizes

Standard TBS Baffles: 600 x 1200 x 44
Shallow TBS Baffles: 300 x 1200 x 44
Long TBS Baffles: 300 x 1500 x 44
300 x 1800 x 44
Special sizes made to order.

Finish

TBS Acoustic Baffles are supplied in a range of 46 TBS colours as per TBS colour chart. TBS/W Baffles have a painted face and are only available in white.



TBS Acoustic Baffle – Frame Types

