

TVS ABSorb Switch

PRODUCT DATA SHEET



TVS ACOUSTICS

NOISE & VIBRATION CONTROL

TVS ABSorb Switch are white painted fiberglass acoustic baffles and rafts.

The paints are high-pressure sprayed to the surface, with a high adhesion and sealed edges. They are very effective against airborne dust absorption so that the products maintain a clean indoor environment.

TVS ABSorb Switch baffles and rafts offer a Class A absorption rating and are designed to be suspended vertically or horizontally from the soffit or they can be fixed directly to a surface.

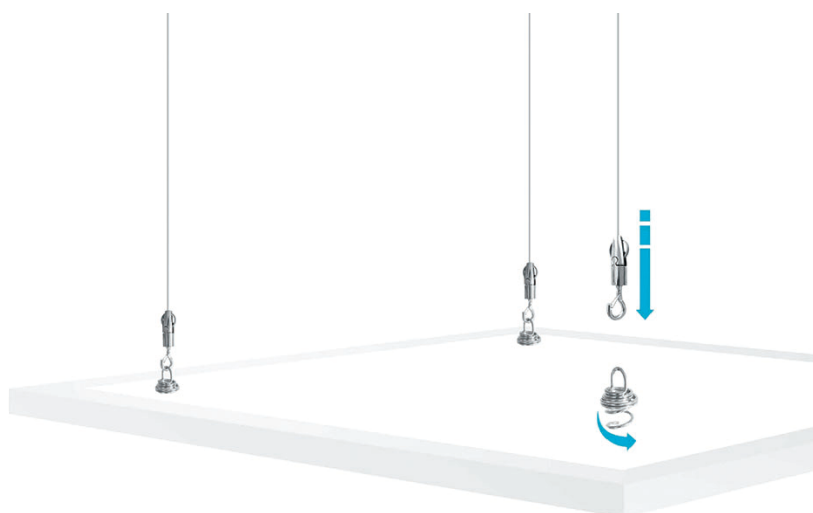
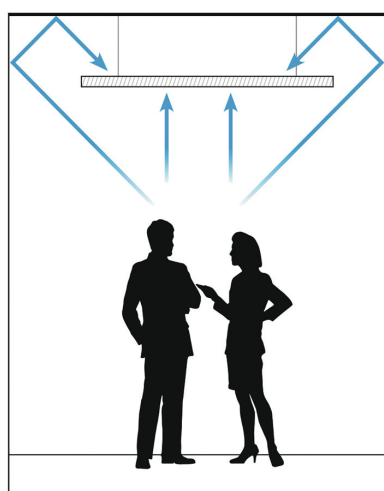
They are ideal for use in commercial or education environments where Class A absorption is required or where an exposed concrete soffit is being used instead of suspended ceilings – such as offices, board rooms, classrooms, halls and atrium areas.



They are available in the below sizes:

Baffles
1200 x 300 x 40mm
1200 x 600 x 40mm

Rafts
1200 x 600 x 40mm
2400 x 1200 x 40mm



TVS GROUP

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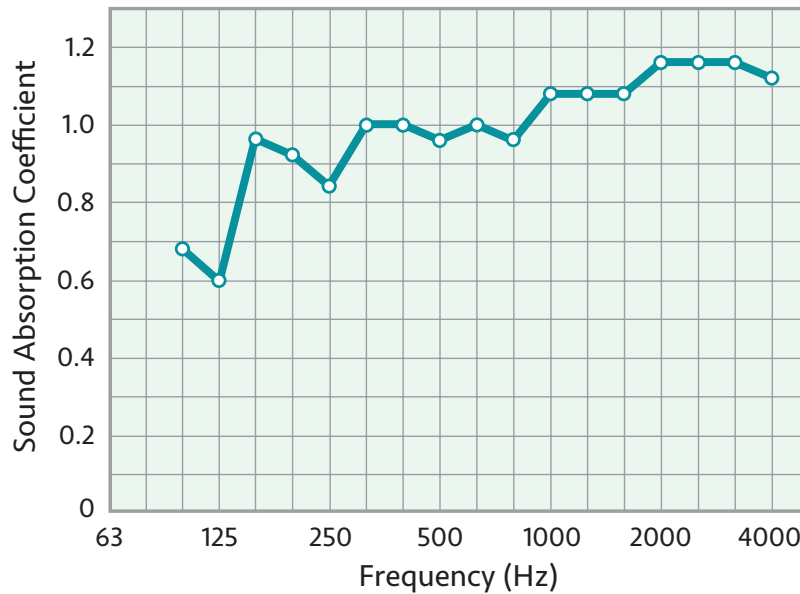
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Noise Reduction Coefficient: NRC = 1.00

In accordance with EN ISO 11654:1997,
Weighted Absorption Coefficient, $\alpha_w = 1.00$
Sound absorption class is A.

Sound Absorption Coefficient – TVS ABSorb Switch (40mm thick)

Frequency (Hz)	125	250	500	1000	2000	4000	NRC	Sound Absorption Class
TVS Absorb Switch	0.60	0.84	0.96	1.00	1.00	1.00	1.00	A

General Performance Data

Fire Resistance

TVS ABSorb Switch provide a Class 0 Surface Spread of Flame rating (B2-s1,d0 – BS EN 13501-1).

Environmental

TVS ABSorb Switch are fungi and stain resistant, do not contain any harmful substances and can be recycled.

Light Reflectance

TVS ABSorb Switch can achieve 0.90 which is regarded as a high light reflectance (according to ATSM E1477-98).

Thermal Conductivity

TR>0.4 (SQM.K/W).

Cleaning

With a special painted surface, TVS ABSorb Switch have a long life span and seldom absorb dust, they are cleanable with a damp sponge or cloth and light vacuuming.

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Direct Fixing

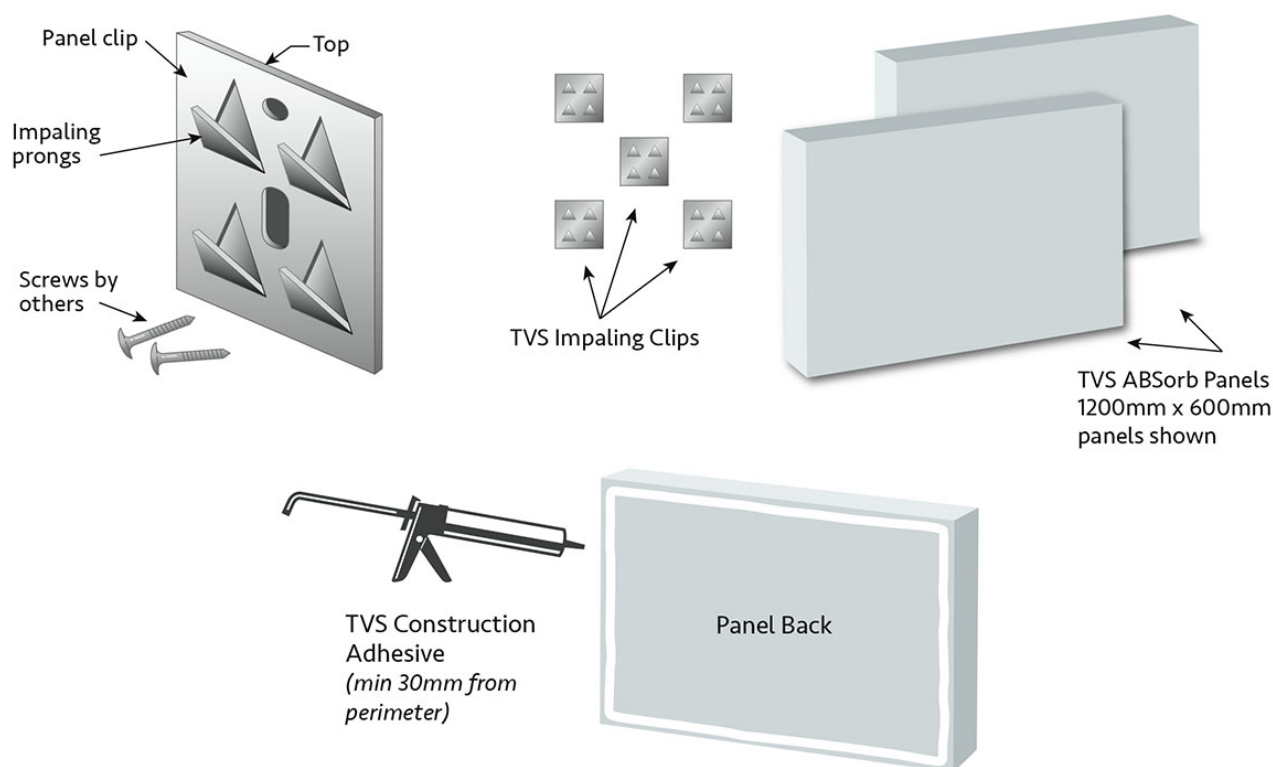
Installation & Maintenance

A wide variety of installation methods are available depending upon the project requirements. For more information contact the TVS Technical Team who will also be able to advise on the correct maintenance procedure.

TVS ABSorb Impaling Clip Install

TVS ABSorb Panel bespoke impaling clip install allows for a secure installation of the acoustic wall panels. The panel is simply bonded to the wall by using impaling clips and adhesive.

This method can only be used to achieve Class A if you choose our TVS ABSorb 40mm panel.



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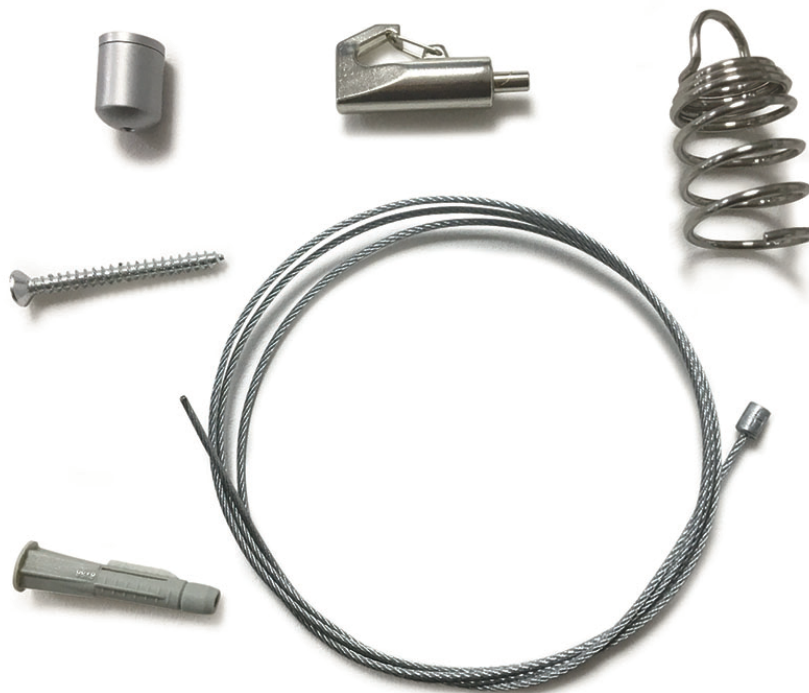
Raft/Baffle Installation

TVS ABSorb Raft/Baffle are quick and easy to install and don't require the skills of a specialist fitter. The acoustic rafts are simply suspended by steel cables from the soffit by means of special spiral hooks, which are fitted into the reverse of the raft by means of clockwise rotation.

Height level adjustment can be carried out by manipulating the length of each cable to suit when it is inserted into the eyelet hook. TVS ABSorb Rafts/Baffle can be set at an angle if required to increase design and aesthetic properties.

The spiral hooks should be placed approx. 200mm in from the edge of the TVS ABSorb Raft/Baffle. For angled installations, we recommend the largest panels to be no more than 600mm x 600mm.

Our hanging kit includes spiral hook, 1m cable and eyelet hook.



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Product Data Sheet PDS 1.1 TVS ABSORB SWITCH

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