

SG Sport Panel

APPLICATION

SG Sport panels are designed for the acoustic treatment of ceiling and wall areas where an attractive and robust sound absorbing finish is required. Typical applications include wall and roof linings to computer rooms, sports halls, and light industrial areas.

DESCRIPTION

SG Sport are manufactured from a high density acoustic glass fibre slab with a resilient resin bonded structure. The exposed face is finished with a tightly woven glass fabric which is robust, smooth textured, and easily cleaned. The reverse surface of the panel is faced with a non-woven glass tissue.

SG/C panels have reinforced fabric covered edges.
SG/A panels have straight cut, sealed edges.

ACOUSTIC PERFORMANCE

The noise absorption coefficient is given below, measured in accordance with ISO 354 (reverberant room method). Measured values above 1.0 are not given as these may prove misleading.

Frequency (Hz)	125	250	500	1K	2K	4K
Abs.Coefficient:						
SG - wall	0.20	0.65	1.0	1.0	0.95	0.8
SG - ceiling	0.50	0.70	0.85	0.95	1.0	0.9

Absorption Class (ISO11654):

SG/A & SG/C Wall Panel	Class A
SG/A Ceiling Panel	Class A

NRC (ASTM C423):

SG/A & SG/C Wall Panel	0.90
SG/A Ceiling Panel	0.90

The above tests are for panels installed in the standard fixing system directly against the wall and with a typical airgap of 200mm when installed as a suspended ceiling.

SG Sport Panels installed direct to the soffit



Grey SG Sport Panels on Sports Hall walls



IMPACT RESISTANCE

SG Sport are resilient in nature, and have a strong surface. They are designed to withstand normal impacts associated with office, commercial and light industrial, and sports related environments. Where severe impacts, or contact with sharp objects are likely to occur use APP Liners.

INSTALLATION

Ceilings:

SG/A panels are installed in a heavy duty exposed ceiling grid system and can be retained with specially powerful hold down clips or bars to resist impact. Alternatively, they are installed direct to the ceiling with T-bars / top hat sections at joints.

Walls:

SG/A panels are installed with a formed channel trim section to base and exposed ends. Vertical joints are finished with a steel tee section which is clipped back to the wall.

SG/C panels have a concealed long edge detail giving a tight bevelled joint between wall panels.

CLEANING

SG panels can be brushed or vacuum cleaned and can also be washed using a mild detergent.

FIRE PERFORMANCE

Tested to BS476 Parts 6 and 7, SG panels are rated Class 'O' within the Building Regulations.

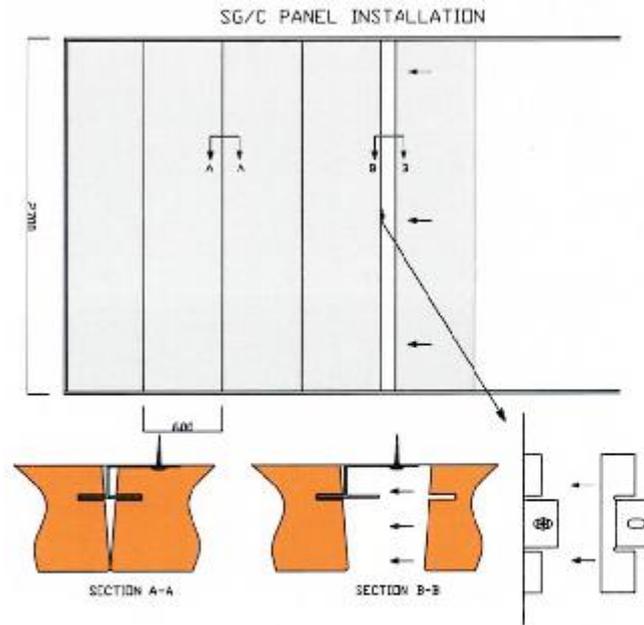
SIZES: SG/A: 600 x 1200 x 40mm thick
1200 x 2700 x 40mm thick
SG/C: 600 x 2700 x 40mm thick

COLOUR

SG/A: White
SG/C: White / Grey/ Blue

Installation of SG Sport Panels on Walls

SG/C Panel



SG/A Panel

