

SOUNDSHIELD

Effective noise reduction by reflection



Soundshield combats noise pollution by acting as a reflective barrier, efficiently blocking sound from exiting a contained area and providing peace of mind for nearby residents. With a Weighted Sound Reduction Index Rw_{28dB} , Soundshield provides excellent sound insulation performance.

DESIGN

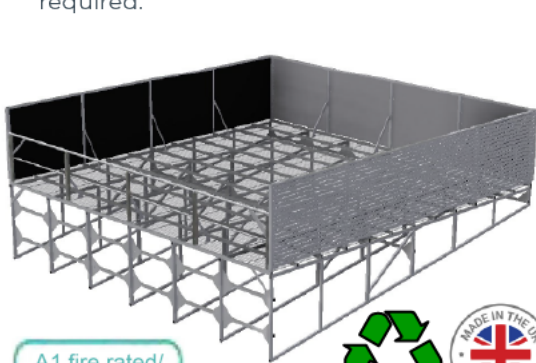
- Can be fitted to any sides of Series 1, 2 or 3 Platforms and to any 600mm increment from the corners.
- Clean straight lines for a tidy look.
- All aluminium components with stainless steel fixings – backed by a 20 year warranty.
- Standard Heights: 1200mm, 1600mm, 2000mm & 2400mm
- Super lightweight 15.25kg/m²
- Complies to BS EN 516 2006 and BS EN 1090-3 2008
- A1 fire rated / powder coated items A2

EFFICIENCY

- Kit form allows them to be assembled by a trade already on site with our easy to follow installation manual.
- Take the stress out of your project with our nationwide approved installer network.

SPECIFY CONFIGURED PLATFORMS

- Provide Soundshield to Configured Platform edges where aesthetically required to screen off equipment, ductwork, and pipework and where acoustic attenuation control is required.



A1 fire rated/
A2 fire rated



Rw_{28dB}

OPTIONAL ACCESS GAP OR GATE

- An access gap of any 600mm increment wide is configurable in the Soundshield Screen Wall.
- A Self Closing Access Door 600mm wide is configurable in the Soundshield Screen Wall
- A Self Closing Double Access Door 1200mm wide (2 x 600mm doors) is configurable in the Soundshield Screen Wall.

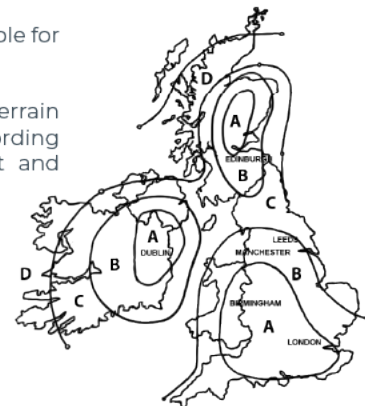
WIND LOADS

Soundshield Screen Wall is suitable for regions A, B, C & D.

Pre-engineered factors: Terrain category, area wind velocity, according to EuroCode 1, building height and screen height.

Basic mean hourly wind speeds:

- Region A - 22m/s
- Region B - 24m/s
- Region C - 25m/s
- Region D - 27m/s



Acoustic Performance (Rw_{28dB})

63	125	250	500	1000	2000	4000	Hz
18.8	19.6	22	25.8	28	30.5	24.4	dB

