

PRODUCT SPECIFICATION

ASP 00 ACOUSTIC BARRIERS



Every ASP panel is constructed to the highest standards using our proprietary manufacturing process. Eliminate performance loss at edges with our unique shotgun keder joining system.



Specialist chain stitching ensures that a consistent 50mm depth is maintained throughout each panel, preventing loss of thermal and acoustic performance across the entire surface.

This innovative barrier is unique in that additional layers and materials can be incorporated to point load performance. This means that the acoustic insulation, absorption and thermal resistance can be enhanced to match a specific challenge or customised to a clients individual requirements. The composite barrier is fully demountable and reusable.

In addition to excellent acoustic and thermal characteristics, ASP 00 combines an integral condensation, vapour, radiant and smoke barrier.

Hydrophobic core – performance remains consistent despite moisture exposure or age.

Strong, robust exterior – combining an integral condensation, vapour, radiant and smoke barrier.

Patented joining system – using a shotgun keder to prevent sound leaks at panel edges.

Versatile deployment – panels are effective when installed vertically, horizontally or even pitched.

High performance – more effective at all ranges than all existing panels and barriers.



Each panel can be customised to meet specific requirements, with additional layers and materials to enhance thermal resistance or acoustic insulation and absorption

FEATURES AND BENEFITS

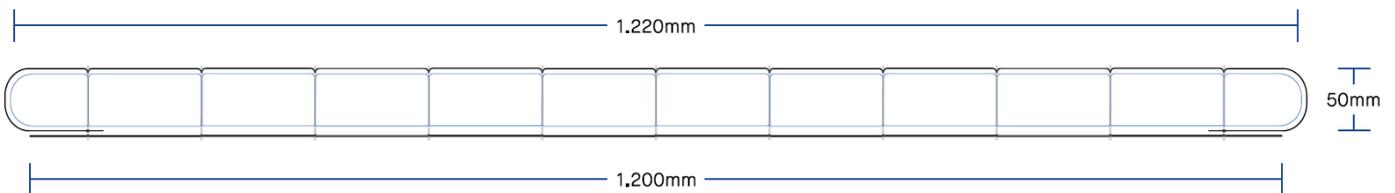
- Industrial black surface aesthetic
- Resilient strong surfaces
- Heavy duty industrial construction
- Polyester FR insulated core - edge to edge acoustic performance
- Hydrophobic core means acoustic performance is not compromised with moisture or age
- All materials sourced within the UK and EU
- Barriers can be installed vertically, horizontally or on a pitch
- Patented keder connection fixings on all edges
- Additional stitch in PVC to create 'hinge' to fold
- Back printed PVC when panels are connected
- Eyelets moved to allow for 'hinge' stitch
- New print design- branded both sides

SPECIFICATION

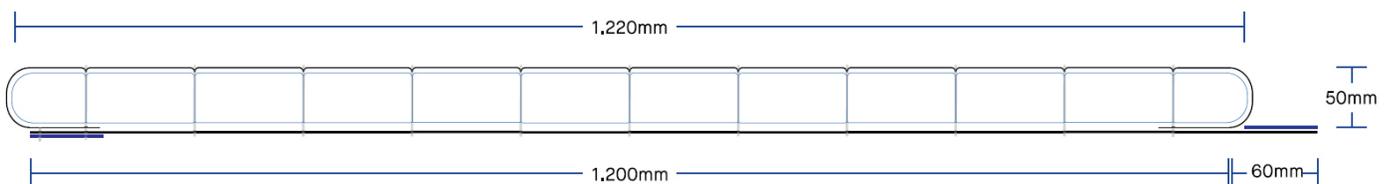
Dimensions	1220mm x 2050 mm x 50mm
Weight	2.3 kgm ²
Performance - ASP 00	Class C sound absorption FR $\alpha_w = 0.75$ (UNI EN ISO 354:2003) SRI 18 dB Rw (UNI EN ISO 10140-2:2021) SRI 44 dB Rw (UNI EN ISO 10140-2:2021) Double panel
R Value	1.55 m ² K/W
Lambda	0.045 W/mK
Additional information	Fire Certificates: PVC on face and perforated Bs2-d0 (EN 13501-1:2019) Polyester fibrous insulated core Bs1-d0 (EN 13501-1:2019)
Life expectancy	5 years minimum (based on normal care and activity)

ASP 00 BARRIER CROSS SECTION

STANDARD



SPECIALIST VELCRO FASTENING SYSTEM

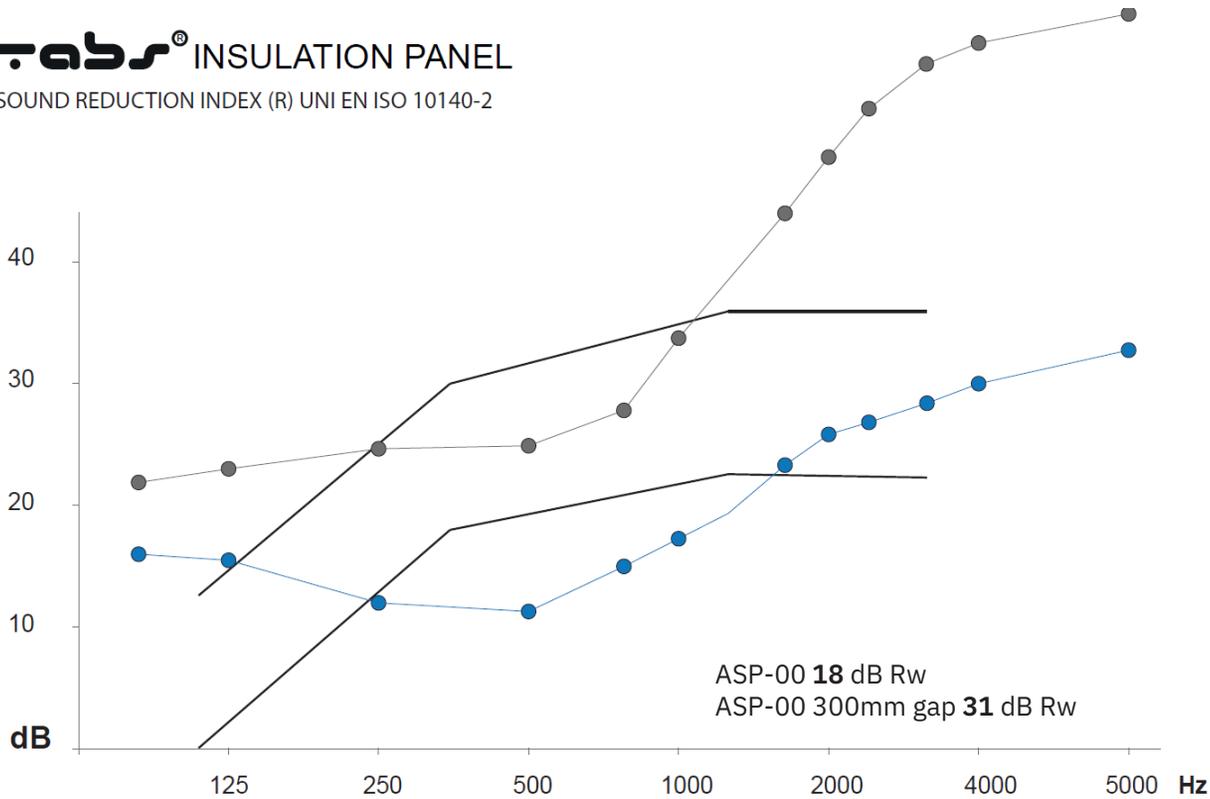


We provide a manufacturers warranty for material quality for 2 years. This warranty does not include natural wear or tear or negligent use damage. All items must be inspected by The Box Group prior to any replacements being agreed. Transportation charges are the responsibility of the customer.

PERFORMANCE CHARTS

TABS[®] INSULATION PANEL

SOUND REDUCTION INDEX (R) UNI EN ISO 10140-2



TABS[®] INSULATION PANEL

SOUND ABSORPTION COEFFICIENT UNI EN ISO 11654:1998

