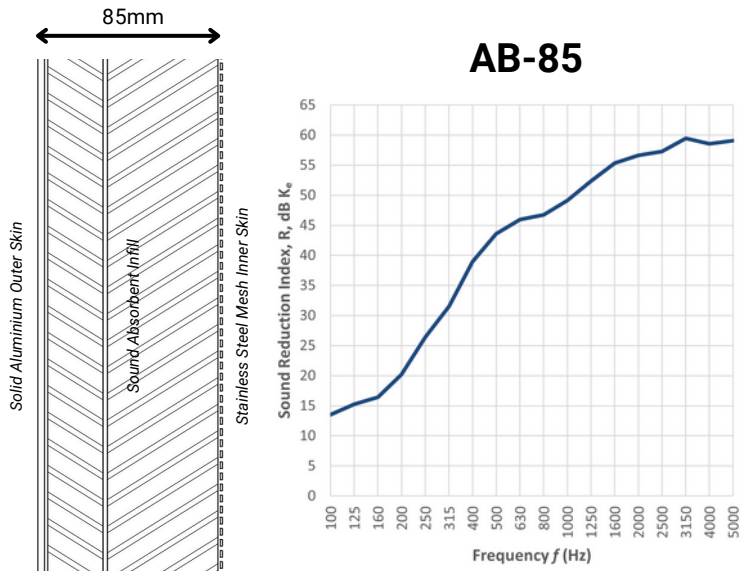
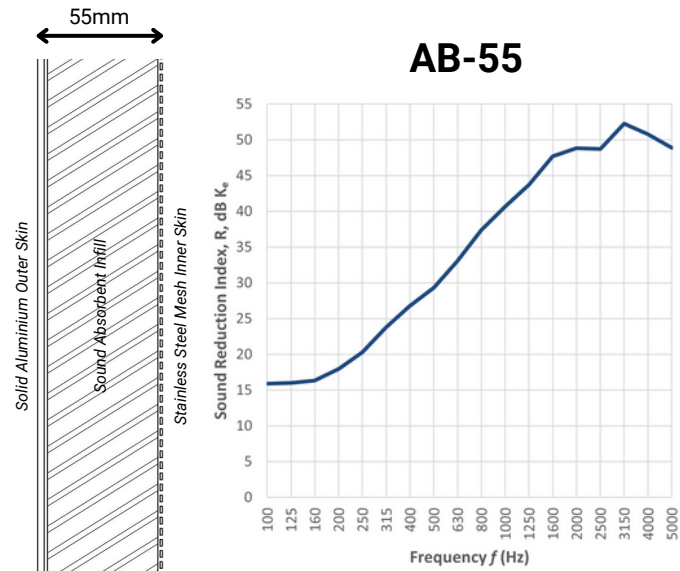


AB Series Data Sheet

The Ventuer AB Series is a solid acoustic screening system designed to reduce airborne noise transmission and provide sound absorption on the exposed face. Panels are manufactured from aluminium sheet, a sound absorbant core, and a stainless steel mesh internal liner, creating a strong, corrosion-resistant, washable construction for internal or external use.

The system suits rooftop plant screening, equipment enclosures, boundary noise mitigation, and acoustic separation where no airflow is required. The base panel can be fitted with various exterior facings to meet architectural needs and can be prefabricated in large modules for fast handling and installation.

The AB Series is available in AB-55 and AB-85 to suit differing performance needs and space limits. Increased thickness improves sound absorption and noise attenuation, depending on configuration and installation.

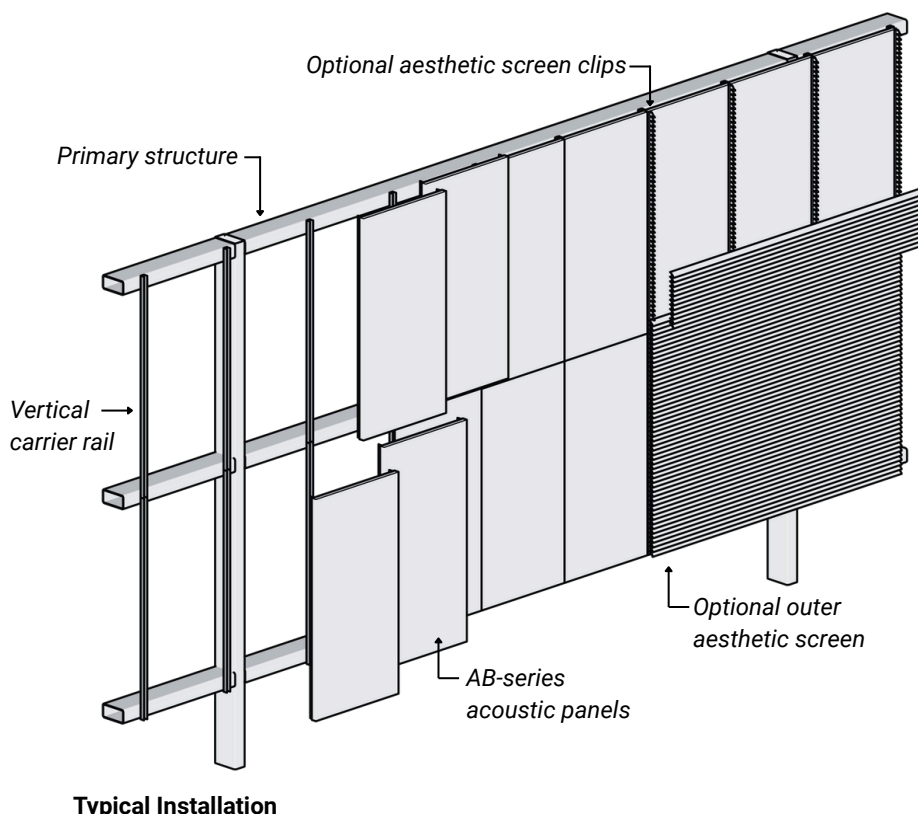


AB-55: SOUND TRANSMISSION LOSS (ISO 15186)								
HZ	63	125	250	500	1000	2000	4000	STC
dB	11.9	16.1	20.1	29.0	39.8	48.4	50.4	33

AB-55: SOUND ABSORPTION (ISO 354)								
HZ	63	125	250	500	1000	2000	4000	NRC
(α)	0.20	0.34	0.86	1.10	1.05	1.08	1.12	1

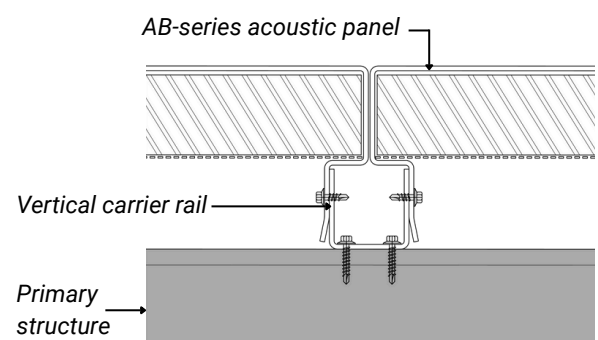
AB-85: SOUND TRANSMISSION LOSS (ISO 15186)								
HZ	63	125	250	500	1000	2000	4000	STC
dB	9.5	14.9	23.8	41.9	48.8	56.3	59.0	37

AB-85: SOUND ABSORPTION (ISO 354)								
HZ	63	125	250	500	1000	2000	4000	NRC
(α)	0.10	0.34	0.86	1.10	1.05	1.08	1.12	1.05



Typical Installation

- Multiple surface finishing options
- High sound absorption
- High transmission loss
- Prefabricated for fast installation
- Durable and corrosion-resistant
- Washable, low-maintenance surfaces
- Strong aluminium construction
- Engineered for wind, seismic and barrier loads

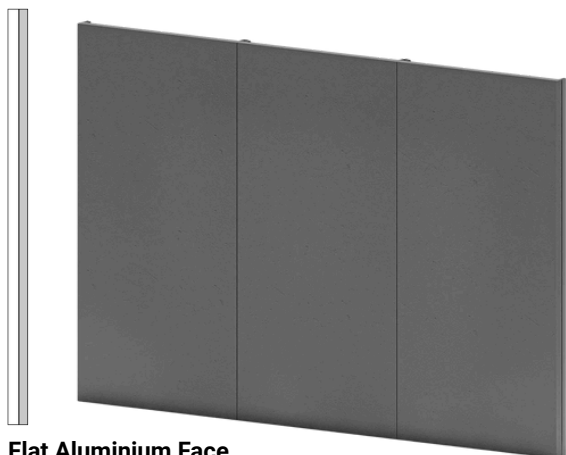


**Typical Fixing Detail
(Horizontal Section)**

Exterior Screening Options

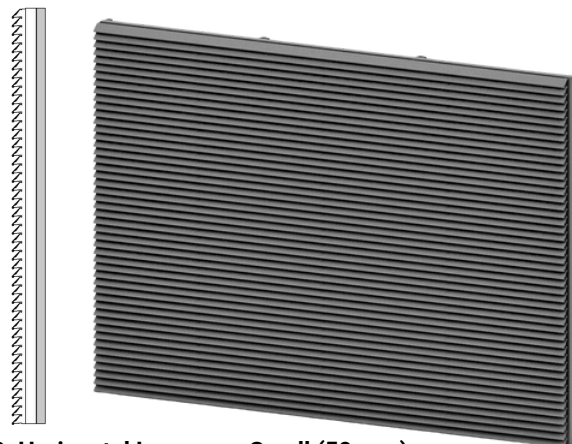
The AB Series acoustic screening system can be supplied as a standalone solid panel with a flat aluminium face or factory-integrated with a range of architectural screening materials. These options maintain full acoustic performance while providing a coordinated external appearance to suit visual, planning, or contextual requirements.

Horizontal louvres, vertical battens, and swaged aluminium grating can be mounted directly to the system using the same installation method. Each option offers durable performance, simple installation, and a cohesive look for rooftop plant screens, equipment enclosures, boundary treatments, and other applications where aesthetic integration is required without airflow.



1. Flat Aluminium Face

The simplest and most cost-effective option, providing a clean, minimal, and corrosion-resistant finish. Ideal for installations where functional screening is required without additional architectural detailing.



2. Horizontal Louvres – Small (50 mm)

A fine-grained louvre appearance that delivers strong visual concealment with minimal bulk. Suited to projects seeking a subtle, tightly spaced screen.



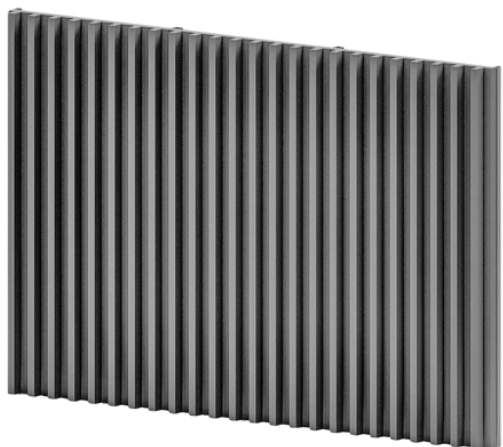
3. Horizontal Louvres – Medium (100 mm)

A balanced, widely applicable louvre profile suitable for most architectural contexts. Provides effective equipment screening with a contemporary aesthetic.



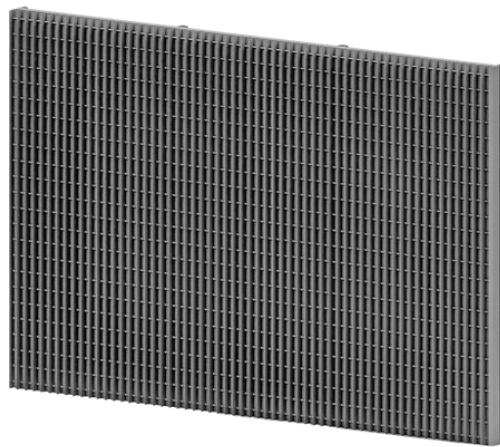
4. Horizontal Louvres – Large (150 mm)

A bold, open louvre format that creates a strong horizontal expression. Well suited to large plant enclosures or sites requiring a more prominent architectural presence.



5. Vertical Battens – Square or Rectangular Profiles

Vertical battens provide a clean architectural finish with strong vertical definition. Square and rectangular profiles offer either a simple uniform look or deeper shadow lines for a more expressive façade.



6. Swaged Aluminium Grating

A heavy-duty industrial finish providing high durability and mechanical protection. Best suited to service areas, infrastructure sites, and high-impact environments.