

Noise Walls

Datasheet




Adresse:
Nøtteveien 27
1715 Yven (Sarpsborg)

Telefon:
+47 917 62 249

Org.nr.:
922 031 193 MVA



- Durable construction. Stable installation with extra strength at the joints.
 - "Flush" installation. The entire wall surface is level without protruding joints or profile edges.
 - Tolerance-friendly. Each joint can handle tolerance deviations of up to 2 mm, providing significant advantages during installation.
 - Each panel can be dismantled without affecting other panels.
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- Pressure-tested and splash-tight joint system.
 - Smart alternative profile solutions for smooth wall surfaces.
 - Delivered with finished L-corners and T-corner panels for use in high-demand environments requiring tightness, even surfaces, and dust-free conditions.

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Acoustic Properties

Tested in internal and external sound laboratories, meeting the requirements of EN ISO140-3 for sound reduction and EN ISO354 and EN ISO11654 for sound absorption.

Single Panel

IRP42-50

34C-25 mm (1 visible side)

Noise Reduction

42dB

34dB

Note!

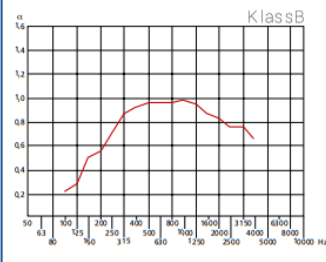
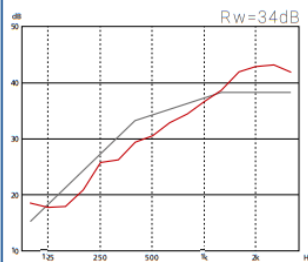
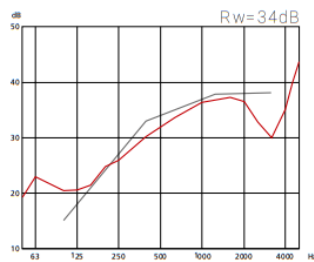
Perforated panel sides are delivered with a laminated membrane between the metal sheet and insulation to prevent fiber leakage. Increasing the plate thickness to 1.0 mm enhances sound reduction at low frequencies.

Noise Reduction

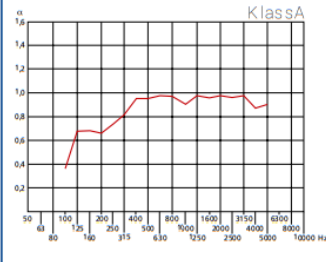
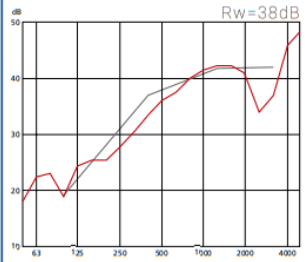
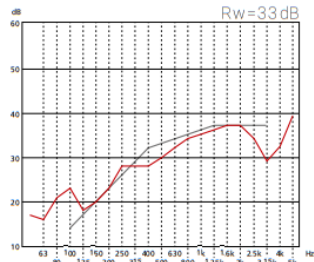
Noise Reduction One side perforated

Noise absorption

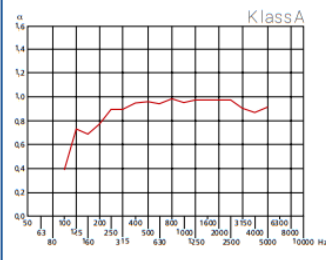
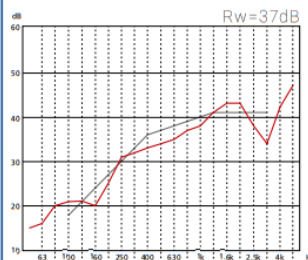
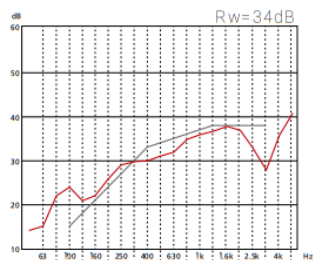
Panel tjocklek 50 mm



Panel tjocklek 80 mm



Panel tjocklek 100 mm



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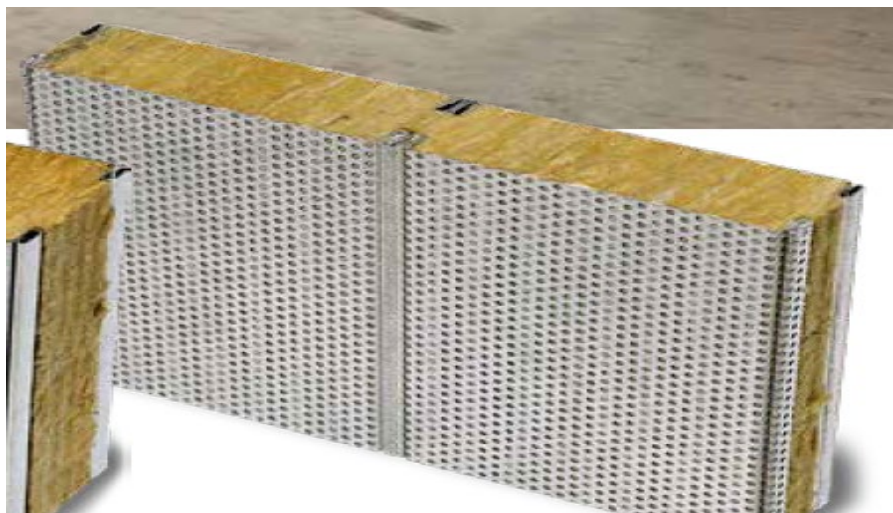
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Panel Facts

- **Metal Sheet:** SSAB in Sweden
- **Thickness:** 0.7 mm
- **Insulation:** Paroc Finland

Properties

- **Fireclass:** Ei60 (Acc to EN1364-1)
- **Noise Reduction:** 28-53 dB Rw
- **Noise absorption:** Klasse A-D
- **Density class:** A-D
- **Tenacity:** up to 1,8 kN/M



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