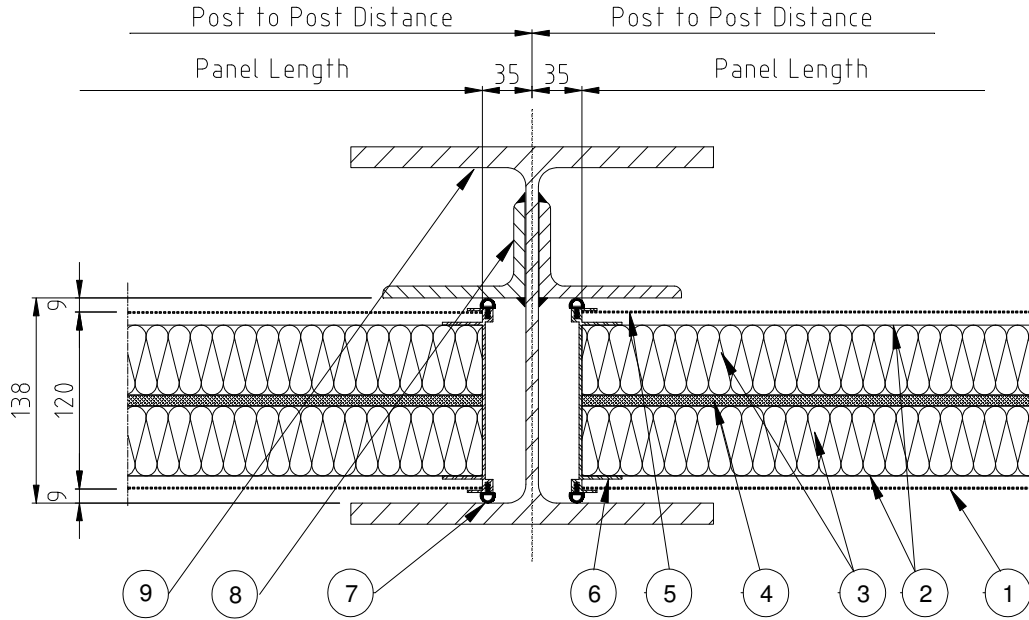


SONOGARD® DSA

Double Side Sound Absorbing Noise Barrier Panel



Acoustic Properties:-

1. 1.25mm thk perforated aluminium sheet with hole ϕ 5mm at 8.5mm centres = 31.2% open area
2. Black facing cloth
3. Rockwool
4. Partition board
5. 1.25mm thk perforated aluminium sheet with hole ϕ 5mm at 8.5mm centres = 31.2% open area
6. End extrusion
7. EPDM gasket
8. Fixing angle
9. Steel support column

1. Sound Absorption

ISO 354:2003

Frequency Hz	125	250	500	1K	2K	4K
Absorption Coefficient	0.60	0.75	0.95	0.95	0.85	0.75

Weighted Sound Absorption Coefficient $\alpha_w = 0.9$ (A)

BS EN 1793-1:1998

Single- number rating $DL\alpha$ dB = 9 Category A3

2. Sound Transmission Loss

ISO 140-3:1995

Frequency Hz	125	250	500	1K	2K	4K
Sound Reduction Index R, dB	13.1	19.8	27.8	34.9	32.2	34.0

Weighted Sound Reduction Index, $R_w = 31$ dB

BS EN 1793-2:1998

Single- number rating DL_R dB = 26 Category B3