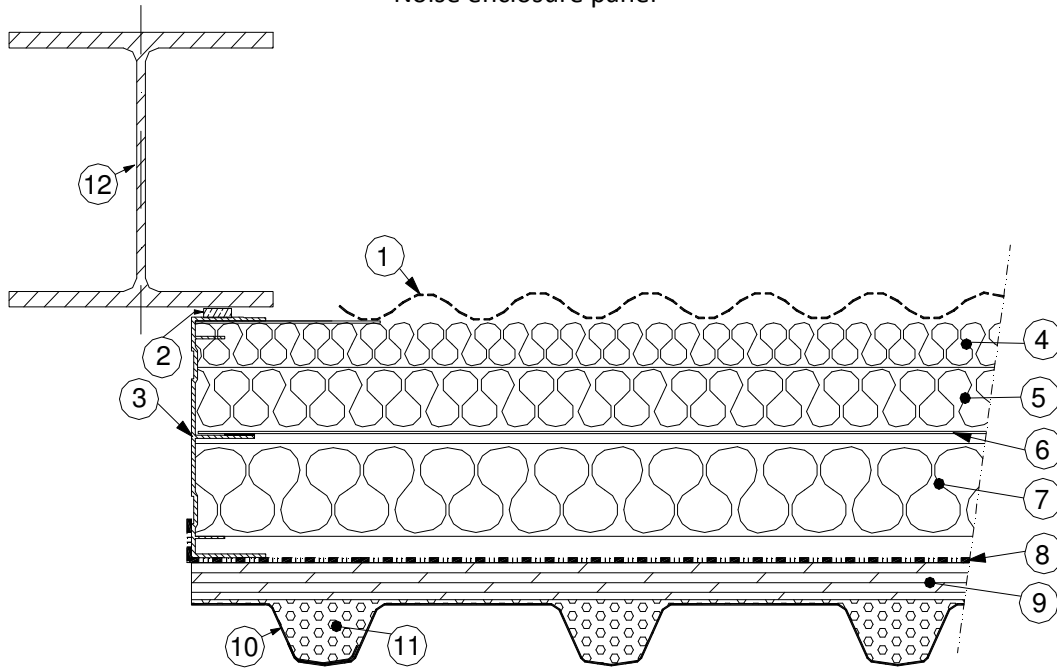


SONOGARD® NEP60

Noise enclosure panel



Acoustic Properties:-

1. Internal cladding sheet
2. Gasket
3. Aluminium frame
4. Sound absorption layer 1
5. Sound absorption layer 2
6. Sound damping layer 1
7. Sound absorption layer 3
8. Sound damping layer 2
9. Sound damping layer 3
10. External cladding
11. Foam profile filler (if required)
12. Steel support column

1. Sound Absorption

ISO 354:2003

Frequency Hz	125	250	500	1K	2K	4K
Absorption Coefficient	0.36	0.65	0.76	0.87	0.90	0.91

Weighted Sound Absorption Coefficient $\alpha_w = 0.8$ (A)

2. Sound Transmission Loss

ISO 140-3:1998

Frequency Hz	125	250	500	1K	2K	4K
Sound Reduction Index R, dB	40.4	50.5	58.5	64.1	68.5	70.2

Weighted Sound Reduction Index, $R_w = 61$ dB