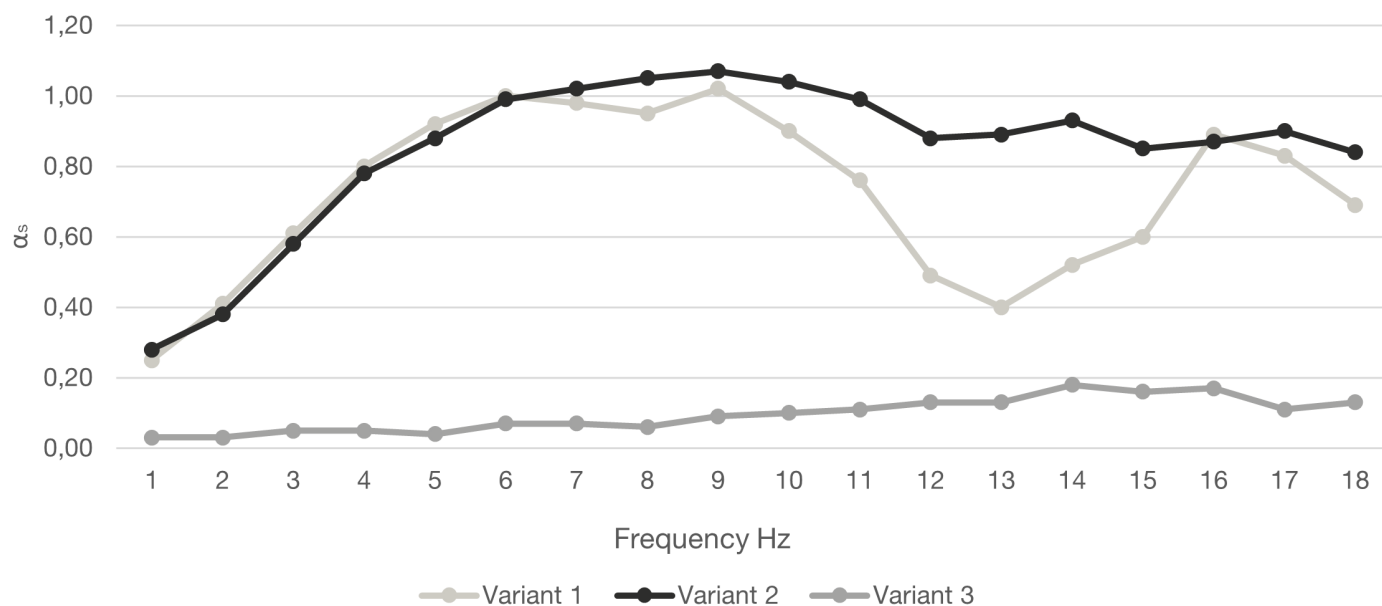


Sound absorption

DAMPA® Lamella

Suspension height 200 mm



Frequency Hz	Variant 1 Absorption α_s	Variant 2 Absorption α_s	Variant 3 Absorption α_s
100	0.25	0.28	0.03
125	0.41	0.38	0.03
160	0.61	0.58	0.05
200	0.80	0.78	0.05
250	0.92	0.88	0.04
315	1.00	0.99	0.07
400	0.98	1.02	0.07
500	0.95	1.05	0.06
630	1.02	1.07	0.09
800	0.90	1.04	0.10
1000	0.76	0.99	0.11
1250	0.49	0.88	0.13
1600	0.40	0.89	0.13
2000	0.52	0.93	0.18
2500	0.60	0.85	0.16
3150	0.89	0.87	0.17
4000	0.83	0.90	0.11
5000	0.69	0.84	0.13
NRC	0.79	0.96	0.10
α_w	0.60	0.95	0.10
Acoustic class	C	A	Not Classified

The stated data are classified in accordance with EN ISO 11654:1997

Variant 1

Perforation: AL-0

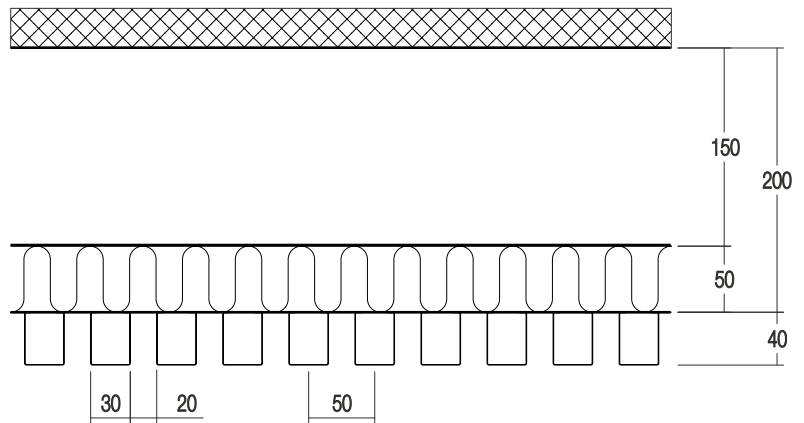
Open area ceiling: 40%

Inlay: 50 mm stone wool insulation board placed directly above the suspension, density 70 kg/m³

Lamella size (H x W x H): 40 x 30 x 40 mm

Installation: Installed in module 50

Suspension height: 200 mm



Variant 2

Perforation: AL-0

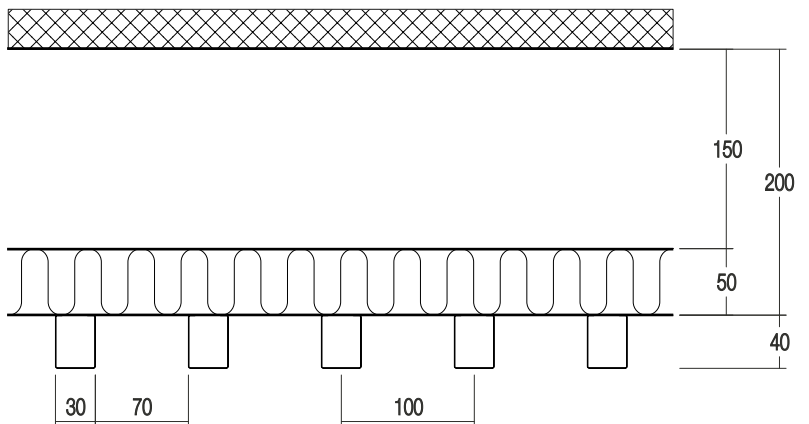
Open area ceiling: 70%

Inlay: 50 mm stone wool insulation board placed directly above the suspension, density 70 kg/m³

Lamella size (H x W x H): 40 x 30 x 40 mm

Installation: Installed in module 100

Suspension height: 200 mm



Variant 3

Perforation: AL-0

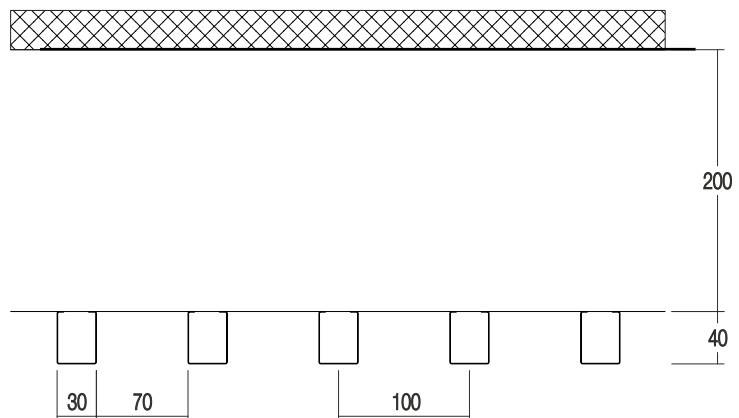
Open area ceiling: 70%

Inlay: %

Lamella size (H x W x H): 40 x 30 x 40 mm

Installation: Installed in module 100

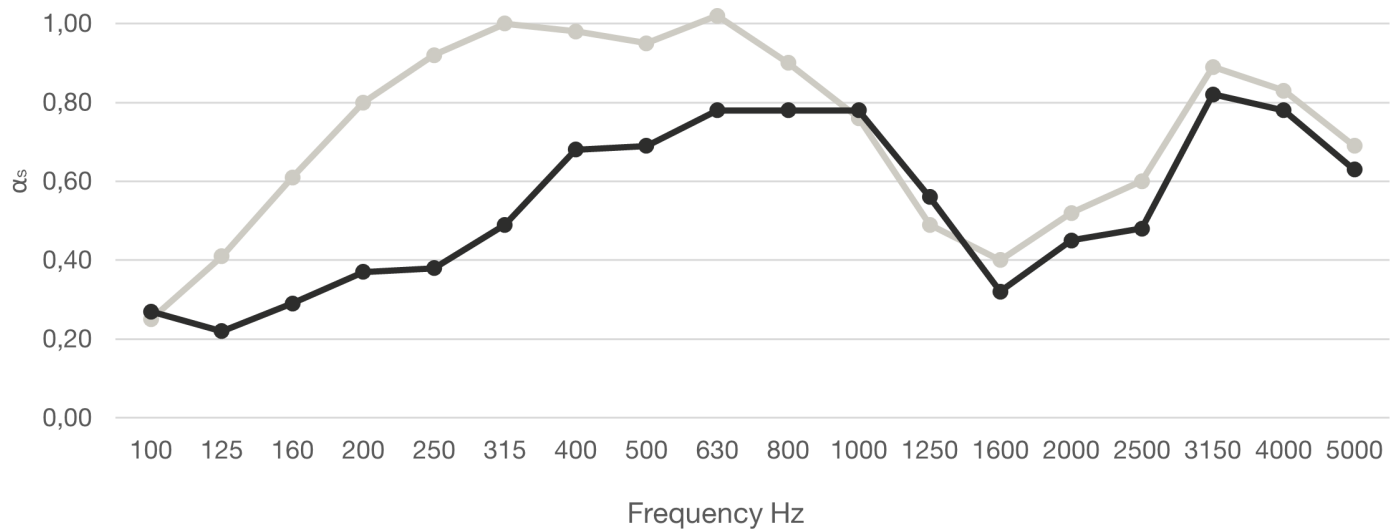
Suspension height: 200 mm



Sound absorption

DAMPA® Lamella

Suspension height 600 mm



Frequency Hz	Variant 1 Absorption α_s	Variant 2 Absorption α_s
100	0.31	0.27
125	0.23	0.22
160	0.28	0.29
200	0.38	0.37
250	0.42	0.38
315	0.50	0.49
400	0.67	0.68
500	0.72	0.69
630	0.86	0.78
800	0.87	0.78
1000	0.94	0.78
1250	0.83	0.56
1600	0.62	0.32
2000	0.81	0.45
2500	0.79	0.48
3150	0.83	0.82
4000	0.87	0.78
5000	0.80	0.63
NRC	0.72	0.58
α_w	0.75	0.50
Acoustic class	C	D

Variant 1

Perforation: AL-0

Open area ceiling: 70%

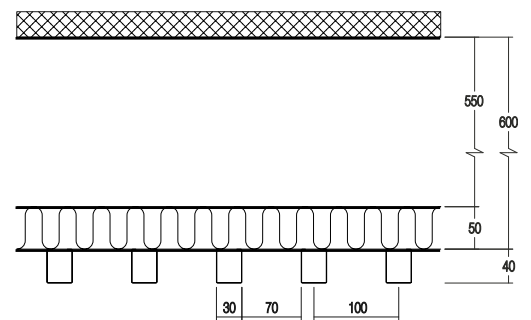
Inlay: 50 mm stone wool insulation board placed directly above the suspension,

density 70 kg/m³

Lamella size (H x W x H): 40 x 30 x 40 mm

Installation: Installed in module 100

Suspension height: 600 mm



Variant 2

Perforation: AL-0

Open area ceiling: 40%

Inlay: 50 mm stone wool insulation board placed directly above the suspension,

density 70 kg/m³

Lamella size (H x W x H): 40 x 30 x 40 mm

Installation: Installed in module 50

Suspension height: 600 mm

