

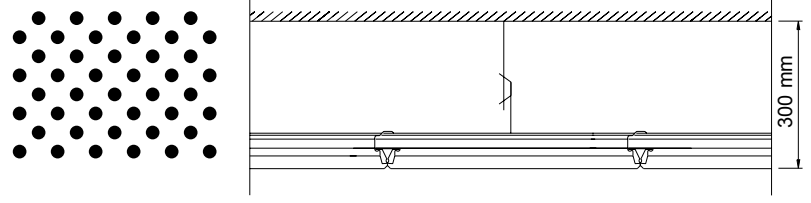
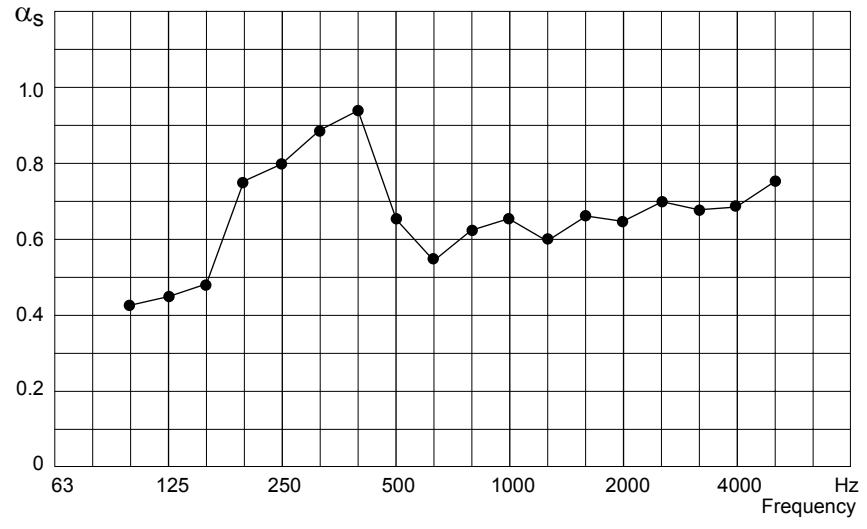
Acoustic Performance

DAMPA Clip-In type AL-15, suspended 300 mm

Frequency Hz	Absorption α_s
100	0.42
125	0.45
160	0.48
200	0.75
250	0.80
315	0.89
400	0.92
500	0.66
630	0.54
800	0.62
1000	0.66
1250	0.60
1600	0.66
2000	0.65
2500	0.70
3150	0.68
4000	0.69
5000	0.64

NRC: 0.71

Perforation: AL-15, 1.8 mm holes.
 Open area: Approx. 21%.
 Inlay: 0.2 mm acoustic felt.

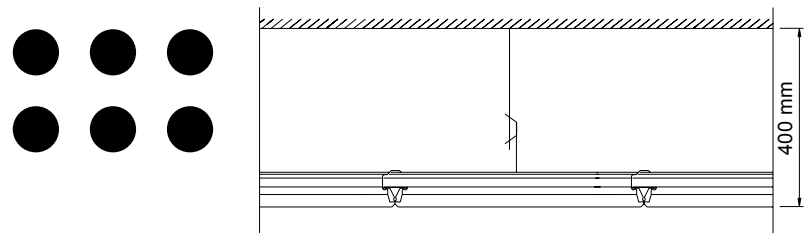
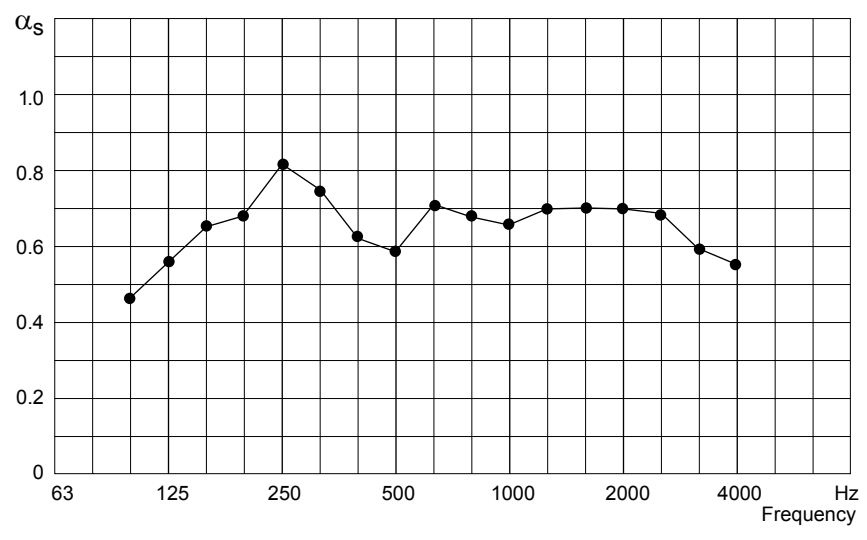


DAMPA Clip-In type AL-23, suspended 400 mm

Frequency Hz	Absorption α_s
100	0.48
125	0.56
160	0.66
200	0.67
250	0.82
315	0.75
400	0.62
500	0.59
630	0.71
800	0.68
1000	0.66
1250	0.70
1600	0.70
2000	0.70
2500	0.69
3150	0.60
4000	0.56
5000	0.56

NRC: 0.69

Perforation: AL-23, 6 mm holes,
 9 areas (see chapter 5).
 Open area: Approx. 21%.
 Inlay: 0.2 mm acoustic felt.



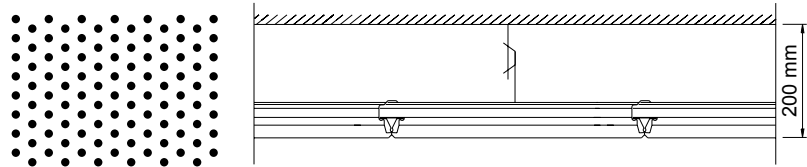
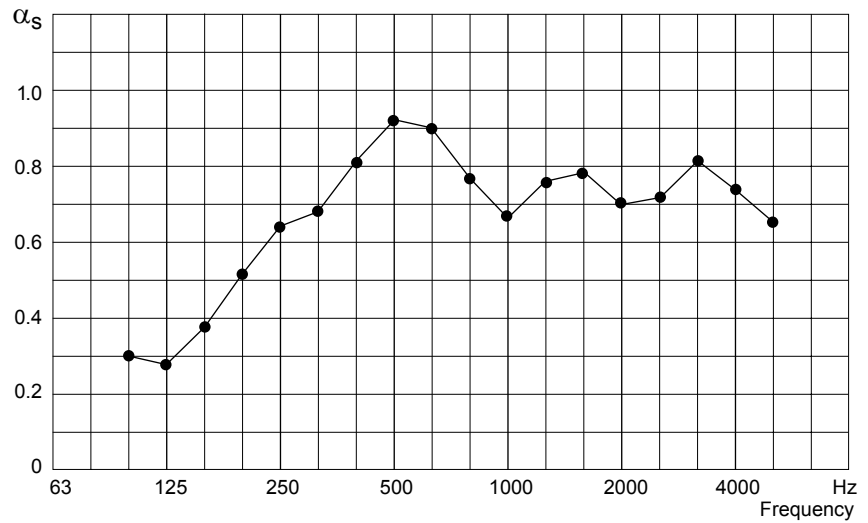
Acoustic Performance

DAMPA Clip-In type AL-35, suspended 200 mm

Frequency Hz	Absorption α_s
100	0.30
125	0.28
160	0.37
200	0.51
250	0.64
315	0.67
400	0.81
500	0.92
630	0.90
800	0.77
1000	0.66
1250	0.76
1600	0.78
2000	0.70
2500	0.72
3150	0.81
4000	0.73
5000	0.66

NRC: 0.74

Perforation: AL-35, 1.1 mm holes.
 Open area: Approx. 18%.
 Inlay: 0.2 mm acoustic felt.

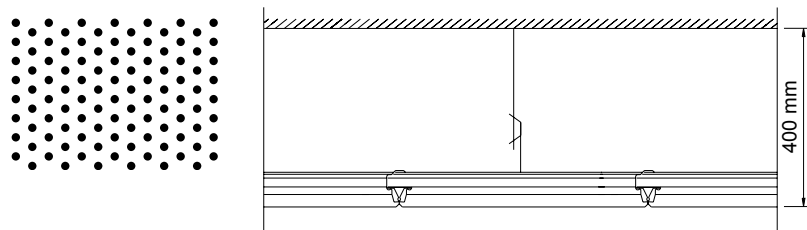
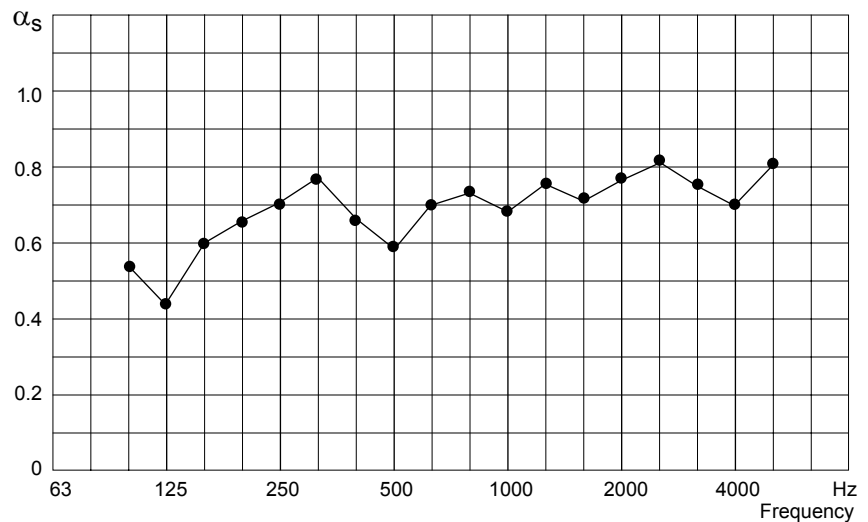


DAMPA Clip-In type AL-35, suspended 400 mm

Frequency Hz	Absorption α_s
100	0.54
125	0.44
160	0.60
200	0.65
250	0.70
315	0.77
400	0.66
500	0.59
630	0.70
800	0.73
1000	0.69
1250	0.76
1600	0.71
2000	0.77
2500	0.81
3150	0.76
4000	0.70
5000	0.81

NRC: 0.71

Perforation: AL-35, 1.1 mm holes.
 Open area: Approx. 18%.
 Inlay: 0.2 mm acoustic felt.



Acoustic Performance

DAMPA Clip-In type ST-15, suspended 400 mm

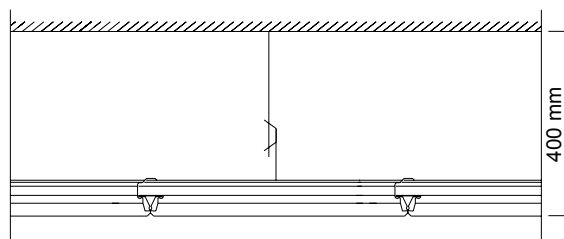
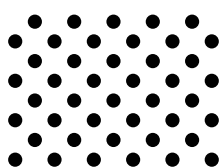
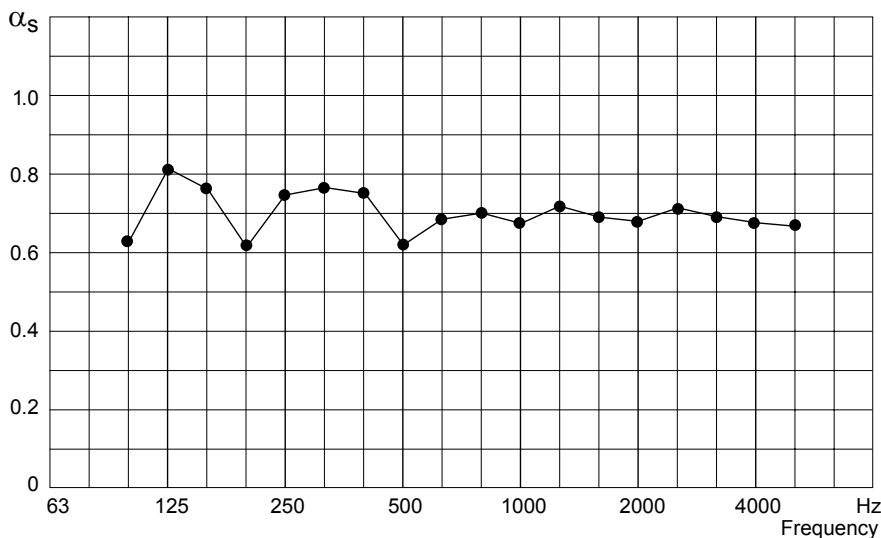
Frequency Hz	Absorption α_s
100	0.63
125	0.81
160	0.76
200	0.62
250	0.75
315	0.77
400	0.75
500	0.62
630	0.68
800	0.70
1000	0.67
1250	0.72
1600	0.69
2000	0.68
2500	0.71
3150	0.69
4000	0.68
5000	0.67

NRC: 0.70

Perforation: ST-15, 1.8 mm holes.

Open area: Approx. 21%.

Inlay: 0.2 mm acoustic felt.



DAMPA Clip-In type ST-15, suspended 800 mm

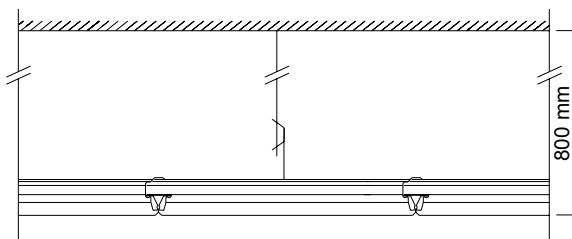
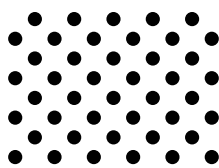
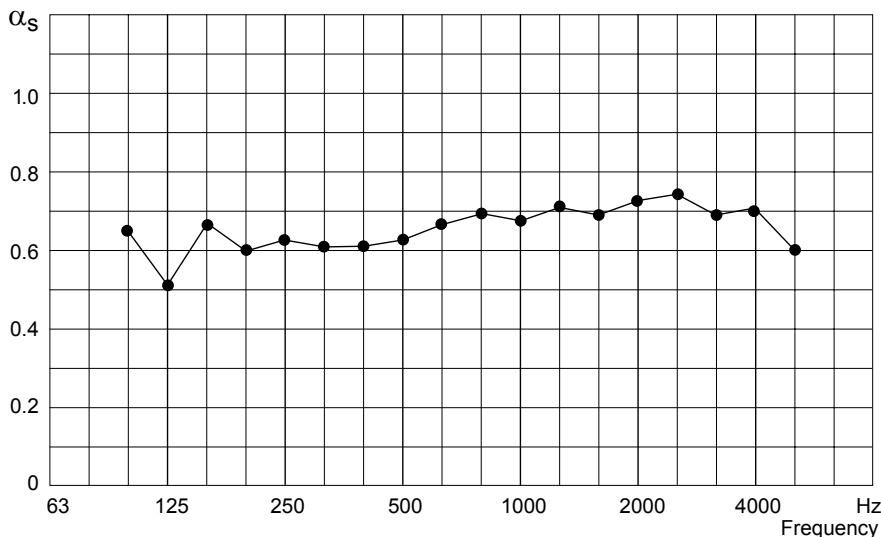
Frequency Hz	Absorption α_s
100	0.65
125	0.51
160	0.67
200	0.60
250	0.63
315	0.61
400	0.61
500	0.63
630	0.67
800	0.69
1000	0.67
1250	0.71
1600	0.69
2000	0.73
2500	0.74
3150	0.69
4000	0.71
5000	0.60

NRC: 0.67

Perforation: ST-15, 1.8 mm holes.

Open area: Approx. 21%.

Inlay: 0.2 mm acoustic felt.



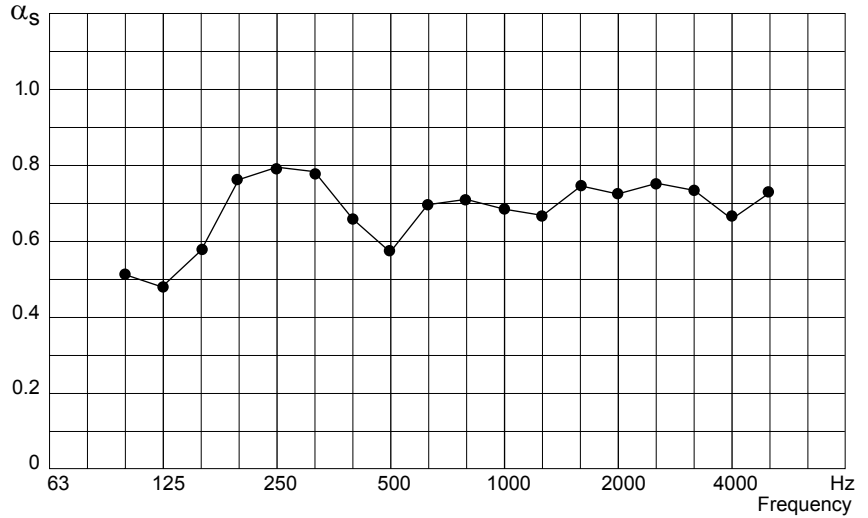
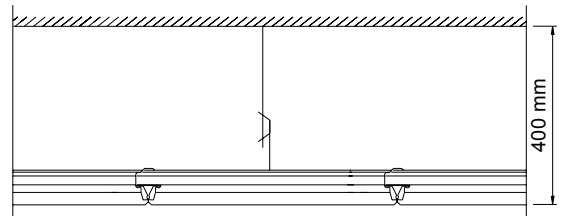
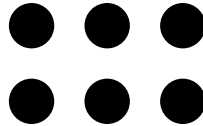
Acoustic Performance

DAMPA Clip-In type ST-23, suspended 400 mm

Frequency Hz	Absorption α_s
100	0.51
125	0.49
160	0.58
200	0.76
250	0.80
315	0.79
400	0.65
500	0.57
630	0.70
800	0.71
1000	0.69
1250	0.68
1600	0.74
2000	0.72
2500	0.75
3150	0.73
4000	0.66
5000	0.72

NRC: 0.71

Perforation: ST-23, 6 mm holes.
 Open area: Approx. 26%.
 Inlay: 0.2 mm acoustic felt.

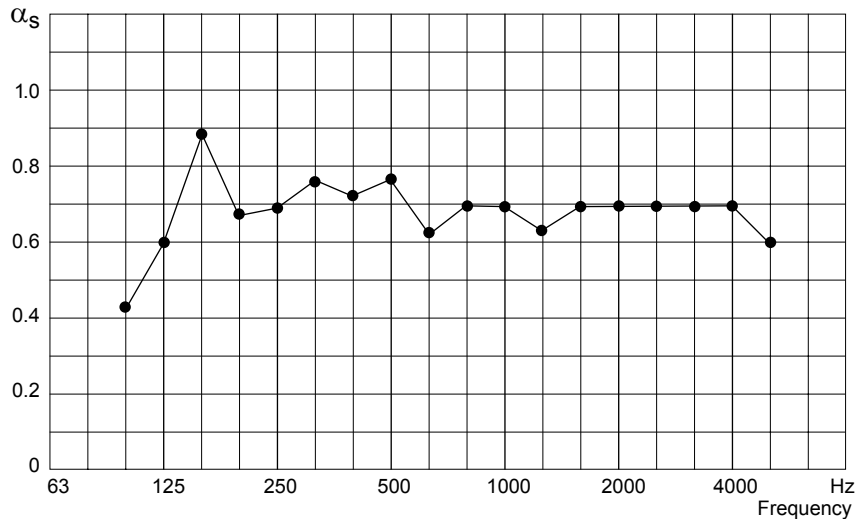
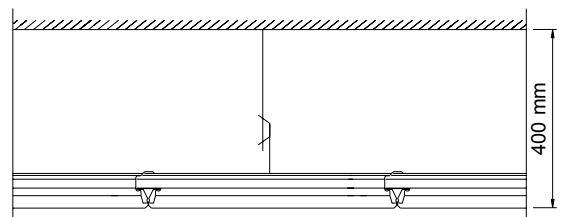


DAMPA Clip-In type ST-50, suspended 400 mm

Frequency Hz	Absorption α_s
100	0.44
125	0.59
160	0.87
200	0.68
250	0.70
315	0.75
400	0.72
500	0.75
630	0.63
800	0.71
1000	0.72
1250	0.64
1600	0.71
2000	0.70
2500	0.70
3150	0.71
4000	0.71
5000	0.60

NRC: 0.71

Perforation: ST-50, 3 x 25 mm holes.
 Open area: Approx. 21%.
 Inlay: 0.2 mm acoustic felt.



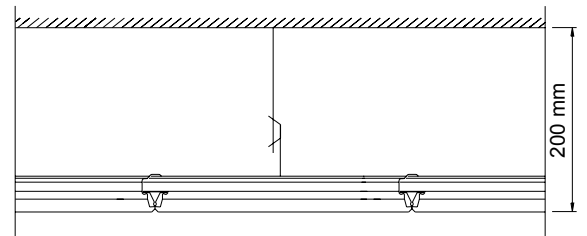
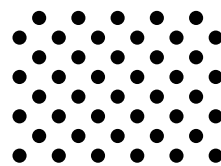
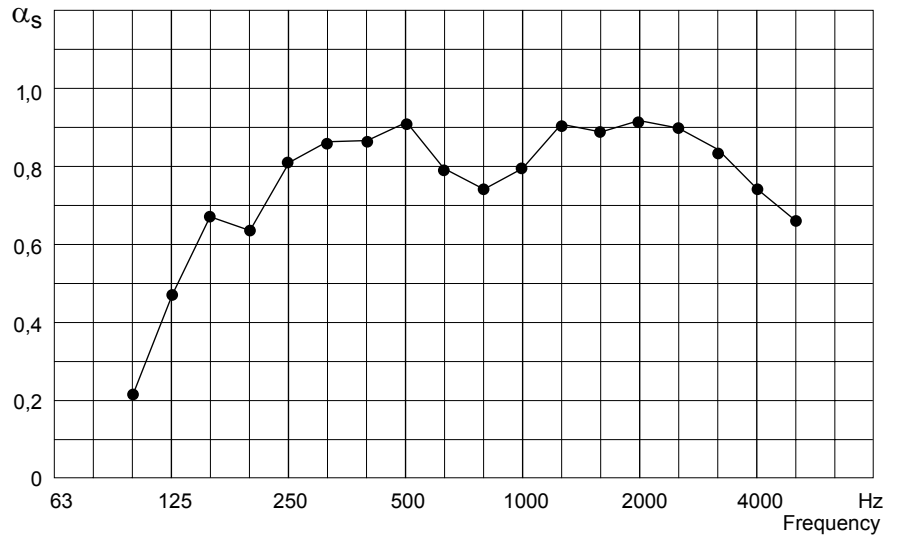
Acoustic Performance

DAMPA Clip-In type ST-15, suspended 200 mm

Frequency Hz	Absorption α_s
100	0,22
125	0,47
160	0,67
200	0,63
250	0,81
315	0,86
400	0,87
500	0,91
630	0,79
800	0,73
1000	0,80
1250	0,90
1600	0,88
2000	0,92
2500	0,90
3150	0,83
4000	0,73
5000	0,66

NRC: 0,85

Perforation: ST-15, 1,8 mm holes.
 Open area: Approx. 21%
 Inlay: 0,2 mm acoustic felt
 Extra isolation: 25 mm mineral wool
 (35 kg/m3) in foil

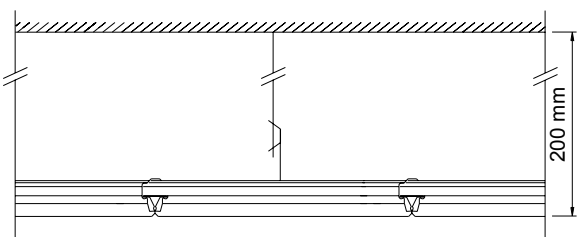
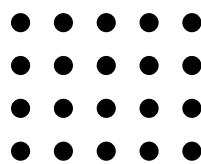
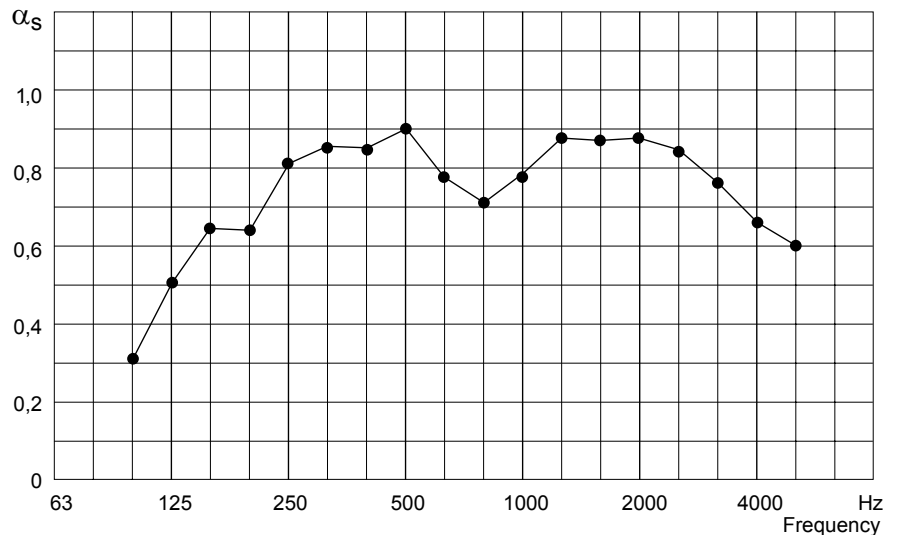


DAMPA Clip-In type ST-25, suspended 200 mm

Frequency Hz	Absorption α_s
100	0,26
125	0,51
160	0,64
200	0,62
250	0,81
315	0,86
400	0,84
500	0,90
630	0,79
800	0,71
1000	0,79
1250	0,88
1600	0,87
2000	0,88
2500	0,84
3150	0,77
4000	0,67
5000	0,60

NRC: 0,85

Perforation: ST-25, 2,5 mm holes.
 Open area: Approx. 16%
 Inlay: 0,2 mm acoustic felt
 Extra isolation: 25 mm mineral wool
 (35 kg/m3) in foil



Acoustic Performance

**DAMPA Clip-In type ST-15,
suspended 200 mm**

Frequency Hz	Absorption α_s
100	0,29
125	0,47
160	0,56
200	0,62
250	0,71
315	0,74
400	0,80
500	0,91
630	0,87
800	0,81
1000	0,80
1250	0,88
1600	0,89
2000	0,92
2500	0,93
3150	0,97
4000	0,92
5000	0,89

$\alpha_w = 0,90$
NRC: 0,85

Absorption Class: A
 Perforation: ST-15, 1,8 mm holes.
 Open area: Approx. 21%
 Inlay: 0,2 mm acoustic felt
 Extra isolation: 15 mm rock wool plate

