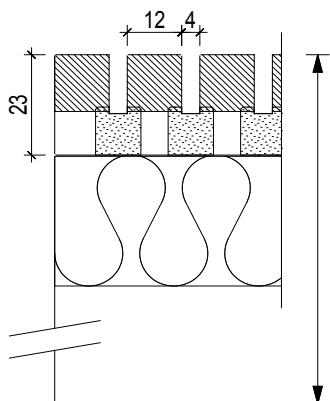


Acoustical Absorption Coefficient according to ISO 354

Object: TOPAKUSTIK® wall- and ceiling panelling
Type TOPAKUSTIK® **Aria 12/4 M** **7.5%**



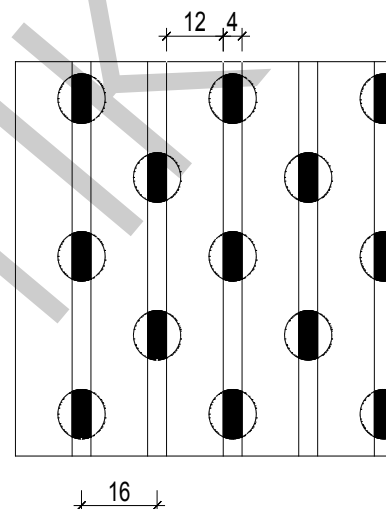
Research: Laboratory: SWISSCOM 09.12.2008
Test area: 12 m² Relative atmospheric humidity: 36.5 %
Echo space volume: 214.3 m³ Temperature: 22.7 degrees



TOPAKUSTIK® Aria 12/4 M
Acoustic fleece

Mineral wool 30 mm

Suspension heights:
223/83 mm
Cavity 170/30 mm

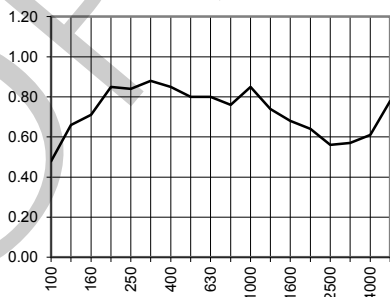


Acoustical Absorption - Medium values

Low frequency range: (100-315 Hz): 0.74
Medium frequency range: (400-1250 Hz): 0.80
High frequency range: (1600-5000 Hz): 0.64

Freq. [Hz]	Terz
100	0.48
125	0.66
160	0.71
200	0.85
250	0.84
315	0.88
400	0.85
500	0.80
630	0.80
800	0.76
1000	0.85
1250	0.74
1600	0.68
2000	0.64
2500	0.56
3150	0.57
4000	0.61
5000	0.78

Suspension height 223 mm



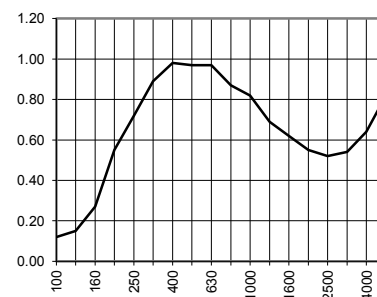
EN **alpha_w** **NRC**
C **0.75(L)** **0.78**

Acoustical Absorption - Medium values

Low frequency range: (100-315 Hz): 0.45
Medium frequency range: (400-1250 Hz): 0.88
High frequency range: (1600-5000 Hz): 0.62

Freq. [Hz]	Terz
100	0.12
125	0.15
160	0.27
200	0.55
250	0.72
315	0.89
400	0.98
500	0.97
630	0.97
800	0.87
1000	0.82
1250	0.69
1600	0.62
2000	0.55
2500	0.52
3150	0.54
4000	0.64
5000	0.82

Suspension height 83 mm



EN **alpha_w** **NRC**
C **0.65(LM)** **0.77**