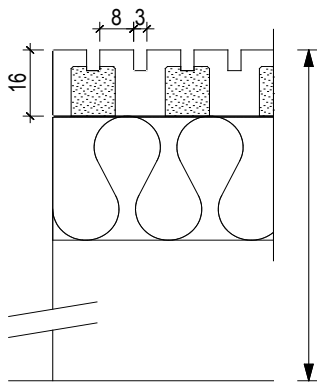


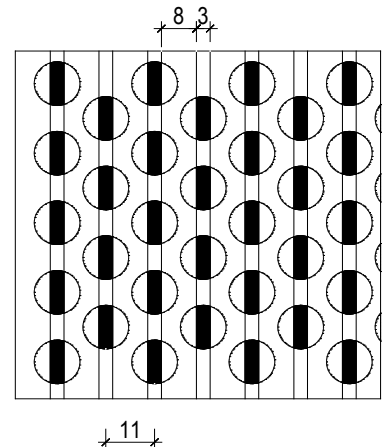
Acoustical Absorption Coefficient according to ISO 354

Object: TOPAKUSTIK® wall- and ceiling panelling
Type TOPAKUSTIK® **8/3 M** **19.0%**

Research: Laboratory: ITA, Germany 22.01.2014
Test area: 12 m² Relative atmospheric humidity: 46%
Echo space volume: 217.5 m³ Temperature: 20 degrees



TOPAKUSTIK® 8/3 M
Acoustic fleece SP 60
Mineral wool Flumroc Type 3
30 mm - 60 kg/m³
Suspension heights: 200/56 mm
Cavity 154/10 mm

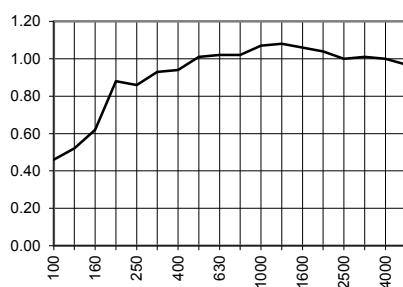


Acoustical Absorption - Medium values

Low frequency range: (100-315 Hz): 0.71
Medium frequency range: (400-1250 Hz): 1.02
High frequency range: (1600-5000 Hz): 1.01

Freq.	[Hz]	Terz
	100	0.46
	125	0.52
	160	0.62
	200	0.88
	250	0.86
	315	0.93
	400	0.94
	500	1.01
	630	1.02
	800	1.02
	1000	1.07
	1250	1.08
	1600	1.06
	2000	1.04
	2500	1.00
	3150	1.01
	4000	1.00
	5000	0.97

Suspension height 200 mm



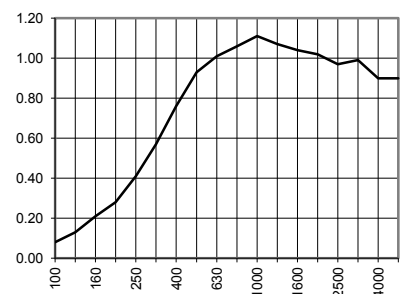
EN A
a_w 1.00
NRC 1.00

Acoustical Absorption - Medium values

Low frequency range: (100-315 Hz): 0.28
Medium frequency range: (400-1250 Hz): 0.99
High frequency range: (1600-5000 Hz): 0.97

Freq.	[Hz]	Terz
	100	0.08
	125	0.13
	160	0.21
	200	0.28
	250	0.41
	315	0.57
	400	0.76
	500	0.93
	630	1.01
	800	1.06
	1000	1.11
	1250	1.07
	1600	1.04
	2000	1.02
	2500	0.97
	3150	0.99
	4000	0.90
	5000	0.90

Suspension height 56 mm



EN C
a_w 0.70 (MH)
NRC 0.85