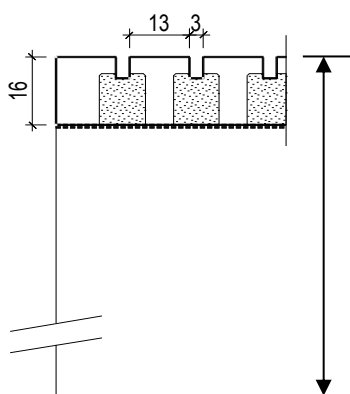


Acoustical Absorption Coefficient according to ISO 354

Object: TOPAKUSTIK® wall- and ceiling panelling
Type TOPAKUSTIK® **13/3 M 12%**
(fleece test)

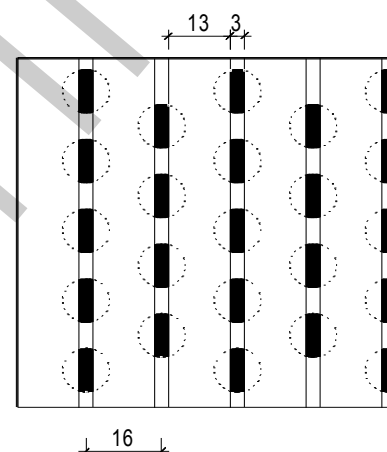


Research: Laboratory: Telecom PTT 26.10.1996
Test area: 3 m² Relative atmospheric humidity: 55%
Echo space volume: 214.3 m³ Temperature: 20 degrees



TOPAKUSTIK® 13/3 M
Acoustic fleece

Suspension height:
416 mm
Cavity 400 mm



Acoustical Absorption - Medium values

Low frequency range (100-315 Hz): 0.63
Medium frequency range (400-1250 Hz): 0.63
High frequency range (1600-5000 Hz): 0.58

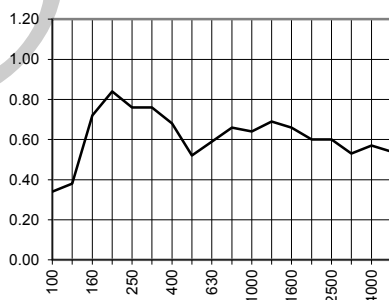
Freq.

[Hz]

Terz

with acoustic fleece

100	0.34
125	0.38
160	0.72
200	0.84
250	0.76
315	0.76
400	0.68
500	0.52
630	0.59
800	0.66
1000	0.64
1250	0.69
1600	0.66
2000	0.60
2500	0.60
3150	0.53
4000	0.57
5000	0.54



NRC
0.63

Acoustical Absorption - Medium values

Low frequency range (100-315 Hz): 0.27
Medium frequency range (400-1250 Hz): 0.26
High frequency range (1600-5000 Hz): 0.34

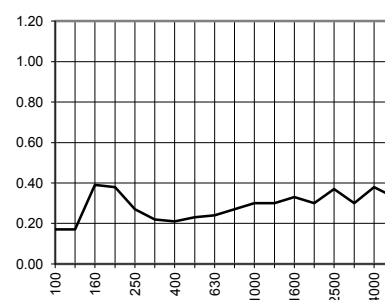
Freq.

[Hz]

Terz

without acoustic fleece

100	0.17
125	0.17
160	0.39
200	0.38
250	0.27
315	0.22
400	0.21
500	0.23
630	0.24
800	0.27
1000	0.30
1250	0.30
1600	0.33
2000	0.30
2500	0.37
3150	0.30
4000	0.38
5000	0.33



NRC
0.28

TOPAKKUSTIK®