

attachment 18
30th August 2005

reference:

sound absorption level of a drapilux decoration (testing object S 9604-18)

Artimo Textiles BV

24th August 2005

date of measuring:

decoration „Castello CS“

brief description:

pleated decoration (x 1,7)

measuring system:

mid – distance between wall and fabric: 15 cm

measurement acc. to DIN EN ISO 354: 2003

dimension of the testing object: 4,20 m x 3,00 m

volume of echo chamber: 392 m³.

climatic conditions:

air temperature without decoration : 22 °C

with decoration: 22 °C

relative humidity without decoration: 61 %

with decoration: 62 %

measurement result:

sound absorption level acc. to DIN EN ISO 354:2003

f [Hz]	α_s
100	0,05
125	0,08
160	0,13
200	0,22
250	0,33
315	0,44
400	0,61
500	0,66
630	0,71
800	0,75
1000	0,73
1250	0,68
1600	0,72
2000	0,74
2500	0,72
3150	0,74
4000	0,75
5000	0,78

