

Acoustical absorption grade by DIN EN ISO 354: 2003

requester: Artimo Textiles BV

date of measuring: 02.03.2011

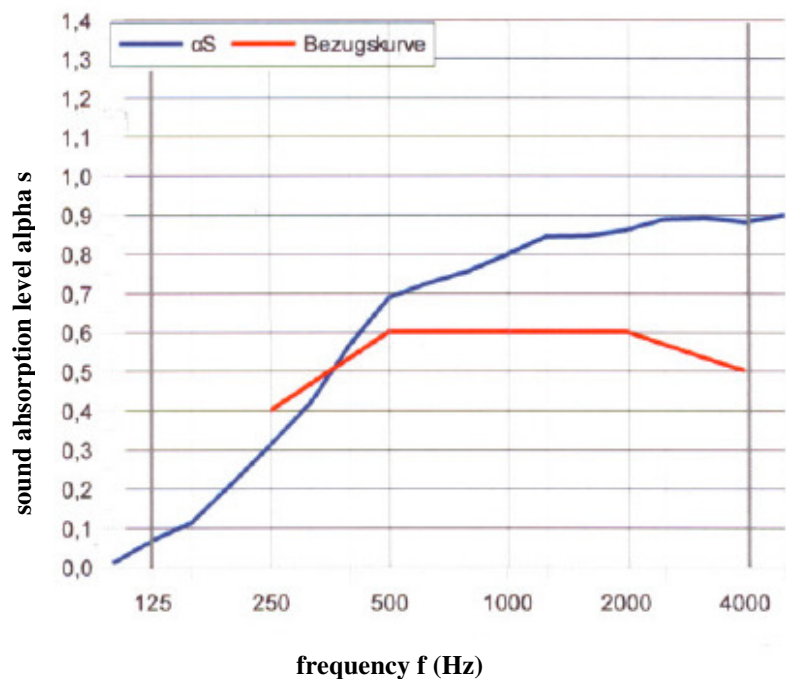
test item: **drapery, Floo IFR (pleated)**

measuring system: distance between wall and fabric: 15 cm
 dimensions of the testing fabric: 20 x 50 cm
 distance between floor and fabric: 15 cm
 distance to the left wall: 65 cm
 distance to the right wall: 70 cm
 test surface of fabric: 10 m²
 volume of echo chamber: 200 m³

Frequenz [Hz]	α_s	α_p
100	0,01	
125	0,07	0,06
160	0,11	
200	0,21	
250	0,31	0,31
315	0,42	
400	0,57	
500	0,69	0,66
630	0,72	
800	0,75	
1000	0,80	0,80
1250	0,84	
1600	0,85	
2000	0,86	0,86
2500	0,89	
3150	0,89	
4000	0,88	0,89
5000	0,90	

α_s : Schallabsorptionsgrad nach DIN EN ISO 354

α_p : Praktischer Schallabsorptionsgrad nach DIN EN ISO 11654



Measurement acc. to DIN EN ISO 11654

Acoustical absorber category “C” $a_w = 0,60$