










Use:	Dim-out fabric
Number of colours:	21
Material:	100% Flameretardant polyester
Fabric width:	300 cm/118 inch/3.28 yard
Can be railroaded:	Can be railroaded
Weight:	358 g/m ²
Flame-retardant properties:	
Additional use:	 
Care:	     
Washing (length shrinkage):	1%
Washing (length shrinkage):	0.5%
Dry cleaning (length shrinkage):	1%
Sound absorption:	Alpha value 0.85
Light fastness:	6-7
Certificates / tests:	Brenntest SNV 198898 Fire Test Japan Fire Test M1 Fire Test NFPA 701 Fire Test Norm BS 5867 Light transmission DIN EN 410 Light transmission Sound absorption ISO 354 / ISO 11654
Special notes:	- Dim-out: The colours are grouped into three groups in accordance with the degree they cut out incoming light: light, regular and dark.
Price:	2 952,- Kč/m' bez dph 3 572,- Kč/m' vč. dph

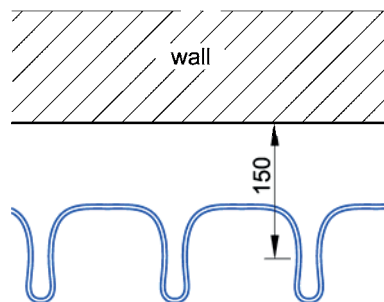


Artikl: **Sound B33**

Sound absorption coefficient ISO 354

Mounting:

mean distance to the wall 150 mm
 total dimensions of the test surface:
 width x height = 3.56 m x 3.02 m
 folded arrangement (100 %)
 arranged without enclosing frame



test object

Material details:

single layer 100% PLF Trevira CS
 thickness $t = 0.75$ mm
 area specific mass app. $m'' = 308$ g/m²

air flow resistance: $R_S = 606$ Pa s/m

Room: Hallraum E

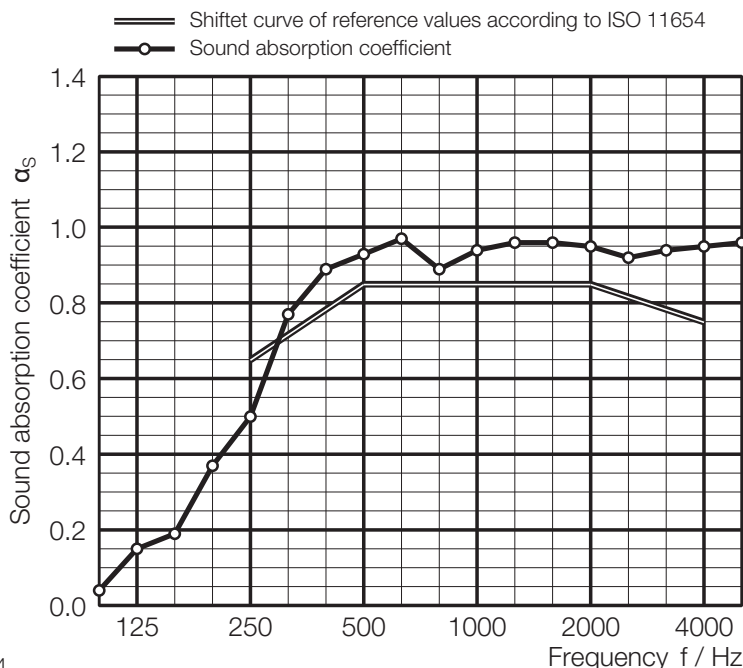
Volume: 199.60 m³

Size: 10.75 m²

Date of test: 2014-11-07

	θ [°C]	r. h. [%]	B [kPa]
without specimen	19.8	44.7	94.5
with specimen	19.9	47.9	94.5

Frequency [Hz]	α_s 1/3 octave	α_p octave
100	0.04	
125	0.15	0.15
160	0.19	
200	0.37	
250	0.50	0.55
315	0.77	
400	0.89	
500	0.93	0.95
630	0.97	
800	0.89	
1000	0.94	0.95
1250	0.96	
1600	0.96	
2000	0.95	0.95
2500	0.92	
3150	0.94	
4000	0.95	0.95
5000	0.96	



◦ Equivalent sound absorption area less than 1.0 m²

α_s Sound absorption coefficient according to ISO 354

α_p Practical sound absorption coefficient according to ISO 11654

Rating according to ISO 11654: Weighted sound absorption coefficient $\alpha_w = 0.85$ Sound absorption class: B	Rating according to ASTM C423: Noise Reduction Coefficient NRC = 0.85 Sound Absorption Average SAA = 0.84
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