




Artikl: **Sound B39**

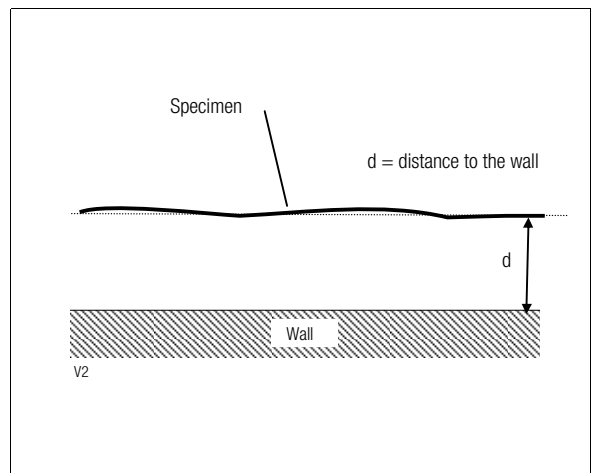
Use:	Glare & heat protection
Number of colours:	5
Material:	100% Flameretardant polyester (Trevira CS)
Fabric width:	220 cm/87 inch/2.41 yard
Weight:	175 g/m ²
Flame-retardant properties:	
Additional use:	
Care:	
Dry cleaning (length shrinkage):	1%
Sound absorption:	Alpha value 0.65
Certificates / tests:	Fire Test DIN 4102 B1 Brenntest Oenorm B1 EN 13773 Fire Test Japan Fire Test M1 Fire Test NFPA 701 Light transmission DIN EN 410 Transmission values in overview Sound absorption ISO 354 / ISO 11654 Flow resistance DIN EN 29053 Lightfastness certificate Special notes
Special notes:	- Light transmission degree: 4 - 37% - Light reflection degree: 50 - 61% - Please note that the white colour 151 does not have a metallised reverse and therefore possesses different light and solar values. - - By using as panel curtain: - Max. width of panel approx. 120 cm - Max. height of panel approx. 300 cm
Price:	3 627,- Kč/m' bez dph 4 389,- Kč/m' vč. dph



ACOUSTIC ABSORPTION MEASUREMENT PROTOCOL (ISO 354, ISO 11654)

Set-up (acc. ISO 354/Amd 1:1997) Type G-150
 Probe area 4.10 x 3.00 = 12.30 m²
 Temperature 19.2 °C
 Relative Humidity 39.4 % r.H.
 Volume of the reverberation chamber 214.3 m³
 Measurement No. / Date / Time Nr. 14 / 18.01.2007 / 16h46'

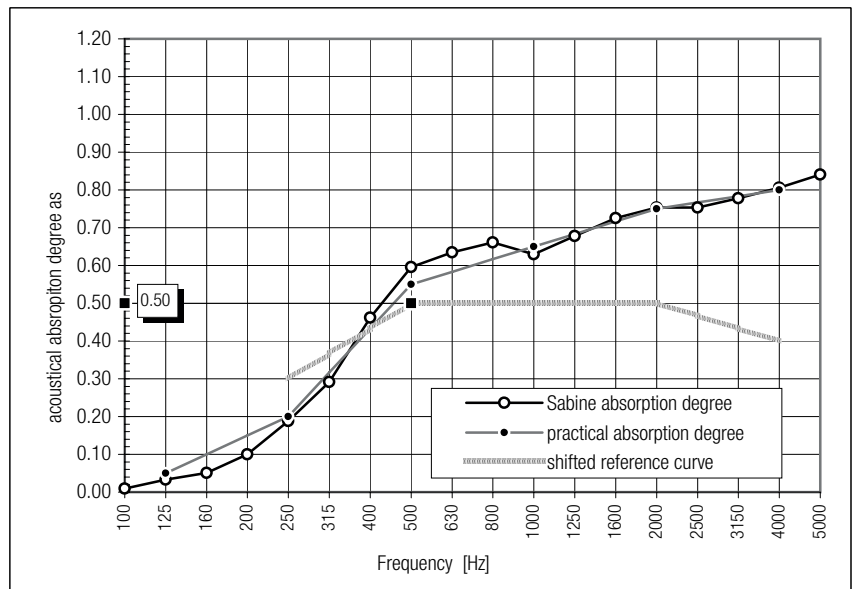
Decoration fabric
 Measurement configuration: curtain panels, distance to the wall d = 15 cm



No. of measurements 3 each microphone
 No. of used microphone 10
 Used acoustic Signal White noise
 Empty room measurement Interpolated values
 EEC Order No. 12489
 Archive filename PROTECT2.ABS

Measurement results (acc. ISO 354, ISO 11654)

Freq. [Hz]	T ₁	T ₂	α _s	α _{pi}	α _w
100	19.95	18.69	0.01	0.05	0.50 (HH) Class "D"
125	18.86	15.41	0.03		
160	15.05	11.84	0.05		
200	12.14	8.48	0.10	0.20	
250	10.94	6.32	0.19		
315	9.56	4.80	0.29	0.55	
400	8.02	3.46	0.46		
500	8.39	3.02	0.60		
630	8.14	2.87	0.63	0.65	
800	7.70	2.74	0.66		
1'000	7.02	2.73	0.63	0.75	
1'250	5.93	2.44	0.68		
1'600	5.19	2.22	0.73	0.80	
2'000	4.50	2.04	0.75		
2'500	3.83	1.89	0.75	0.84	
3'150	3.21	1.70	0.78		
4'000	2.51	1.46	0.81		
5'000	1.97	1.24	0.84		



Error : 100 - 315 Hz : 22.17% 400 - 1250 Hz : 2.24% 1600 - 5000 Hz : 1.77%

LEGEND	α _s = Sabine absorption degree
T ₁ = Reverberation time of the empty room	α _{pi} = practical absorption degree
T ₂ = Reverberation time with the test specimen	α _w = assessed absorption degree

