

## SOUND ABSORPTION MEASUREMENTS according to EN 20354

Client : ASONA  
 Project number : 008.04233/01.01  
 Date : 2002-11-13

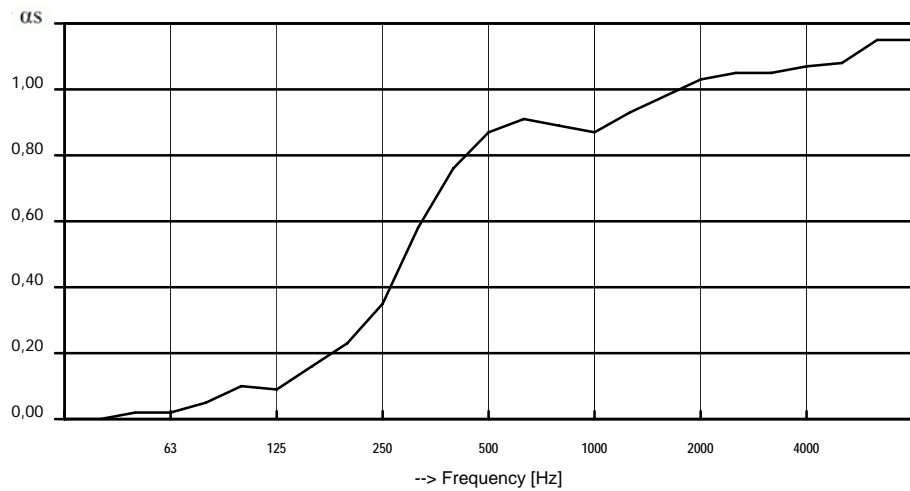
Product : K-13 Special  
 Tested in : Rev. chamber TNO TPD

Description : Sonaspray K-13 Special 19 mm

Surface : 12,0 m<sup>2</sup>  
 Temperature : 17,0 °C  
 Relative humidity : 62,0 %

Volume : 200 m<sup>3</sup>  
 Two speaker position  
 Noise signal

Freq.	$\alpha_s$	$\alpha_p$
Hz	1/3 oct dB	1/1 oct dB
50	0,02	
<b>63</b>	0,02	0,05
80	0,05	
100	0,10	
<b>125</b>	0,09	0,10
160	0,16	
200	0,23	
<b>250</b>	0,35	0,40
315	0,58	
400	0,76	
<b>500</b>	0,87	0,85
630	0,91	
800	0,89	
<b>1000</b>	0,87	0,90
1250	0,93	
1600	0,98	
<b>2000</b>	1,03	1,00
2500	1,05	
3150	1,05	
<b>4000</b>	1,07	1,00
5000	1,08	



**Weighted sound absorption coefficient (EN-ISO 11654)**

$\alpha_w = 0,70$ ( H); class C