

## SOUND ABSORPTION MEASUREMENTS according to EN 20354

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

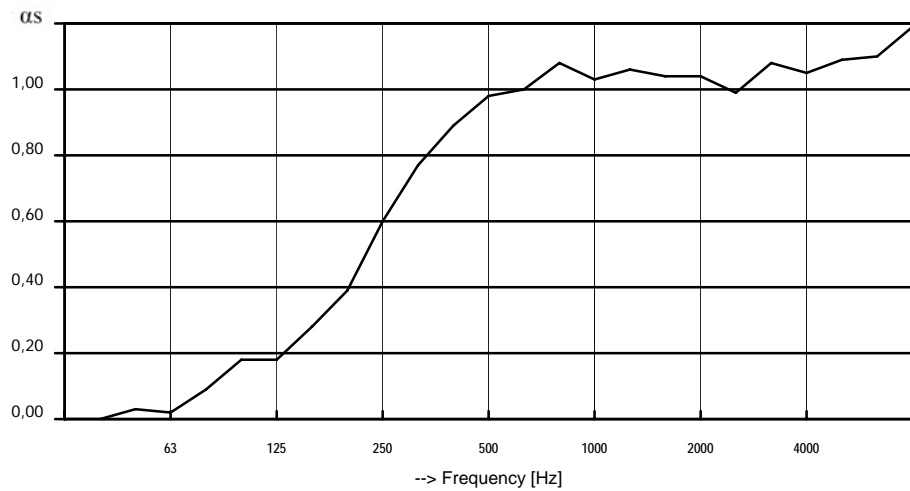
Product : K-13 Special  
 Tested in : Rev. chamber TNO TPD

Description : Sonaspray K-13 Special 32 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	0,03	
<b>63</b>	0,02	0,05
80	0,09	
100	0,18	
<b>125</b>	0,18	0,20
160	0,28	
200	0,39	
<b>250</b>	0,60	0,60
315	0,77	
400	0,89	
<b>500</b>	0,98	0,95
630	1,00	
800	1,08	
<b>1000</b>	1,03	1,00
1250	1,06	
1600	1,04	
<b>2000</b>	1,04	1,00
2500	0,99	
3150	1,08	
<b>4000</b>	1,05	1,00
5000	1,09	



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

$\alpha_w = 0,90( )$ ; class A