

# Absorption coefficient according to ISO 354



**Test object:**

Reflorb - sound absorbing diffuser

**Mounting:**

215mm air gap against the wall

**Engineer:**

Martin Höjer



**Temperature[°C]:** 20,0

**Test signal:** Pink noise

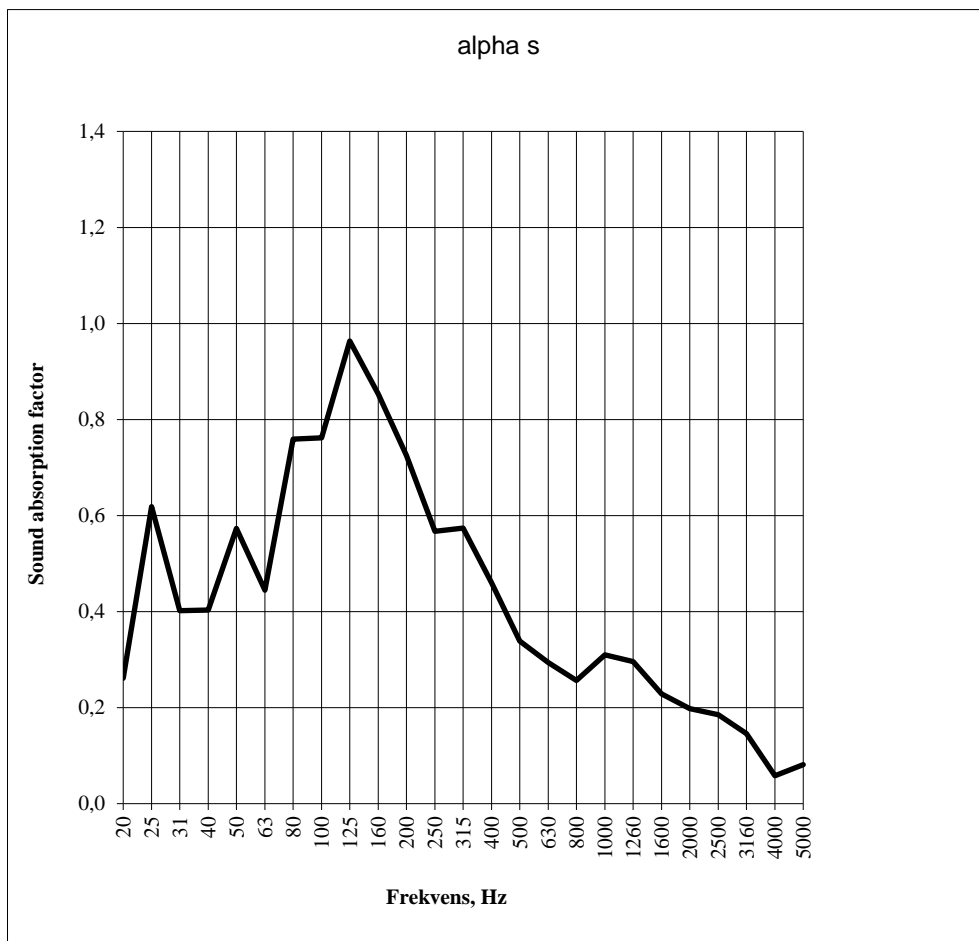
**Date:** 2021-04-12

**Humidity [%]:** 38,0

**Area [m<sup>2</sup>]:** 9,4

**Room volume, [m<sup>3</sup>]:** 293,6

f [Hz]	$\alpha_s$
20	0,26
25	0,62
<b>31,5</b>	0,40
40	0,40
50	0,57
<b>63</b>	0,44
80	0,76
100	0,76
<b>125</b>	0,96
160	0,85
200	0,73
<b>250</b>	0,57
315	0,57
400	0,46
<b>500</b>	0,34
630	0,29
800	0,26
<b>1000</b>	0,31
1260	0,30
1600	0,23
<b>2000</b>	0,20
2500	0,19
3160	0,15
<b>4000</b>	0,06
5000	0,08



**Comment:**

Frequency range exceeded to below 100Hz (outside the applicable frequency range for the standard).

# Absorption coefficient according to ISO 354



**Test object:**

Reflorb - sound absorbing diffuser

**Mounting:**

65mm air gap against the wall

**Engineer:**

Martin Höjer



**Temperature[°C]:** 20,0

**Test signal:** Pink noise

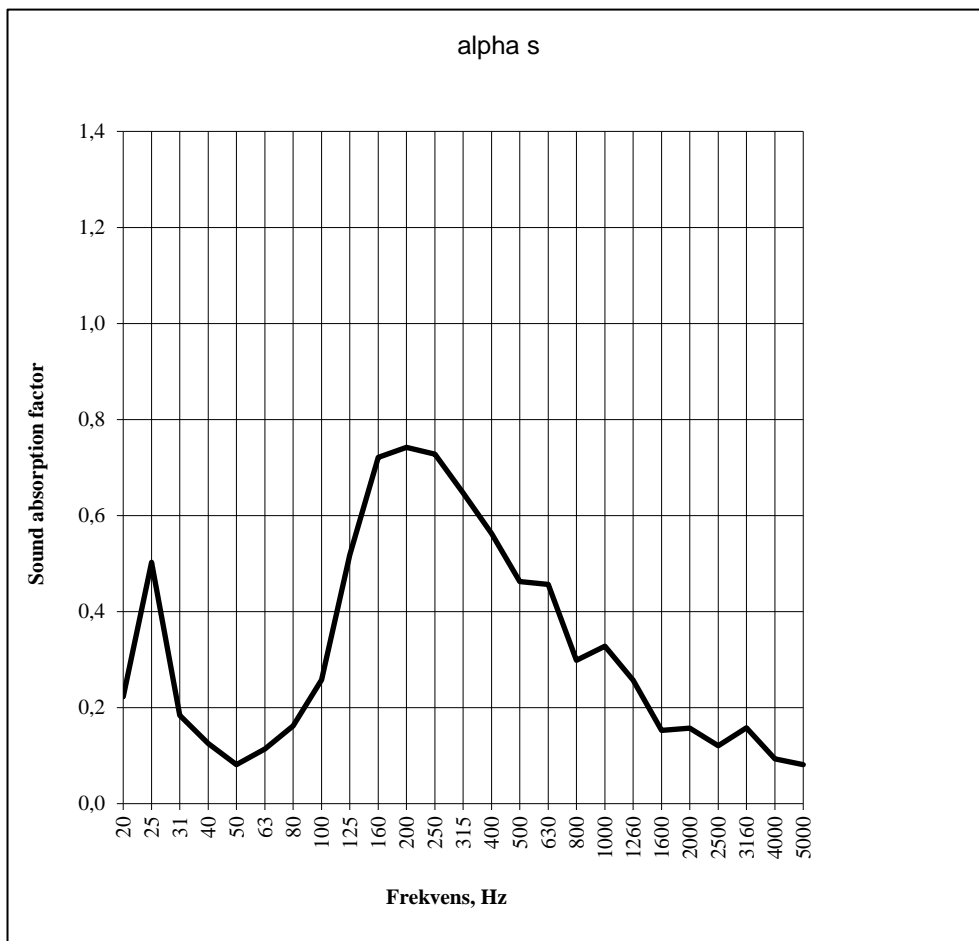
**Date:** 2021-04-12

**Humidity [%]:** 38,0

**Area [m<sup>2</sup>]:** 9,4

**Room volume, [m<sup>3</sup>]:** 293,6

f [Hz]	$\alpha_s$
20	0,22
25	0,50
<b>31,5</b>	<b>0,18</b>
40	0,13
50	0,08
<b>63</b>	<b>0,11</b>
80	0,16
100	0,26
<b>125</b>	<b>0,52</b>
160	0,72
200	0,74
<b>250</b>	<b>0,73</b>
315	0,65
400	0,56
<b>500</b>	<b>0,46</b>
630	0,46
800	0,30
<b>1000</b>	<b>0,33</b>
1260	0,26
1600	0,15
<b>2000</b>	<b>0,16</b>
2500	0,12
3160	0,16
<b>4000</b>	<b>0,09</b>
5000	0,08



**Comment**

Frequency range exceeded to below 100Hz (outside the applicable frequency range for the standard).