



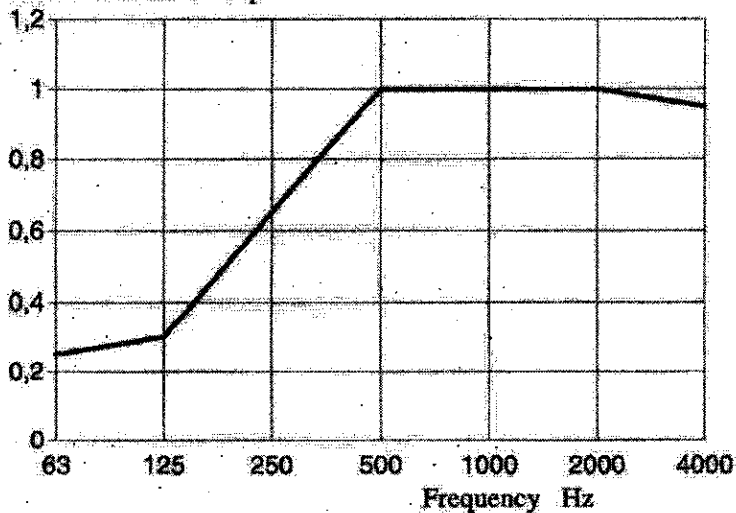
March 6, 1995

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## Measurement of sound absorption coefficient

- Test** Measurement of sound absorption coefficient in a reverberation room according to ISO-354.
- Client** Ecophon AB
- Object** Baffle type: Advance, thickness: 40 mm  
Panel size: 592 mm x 1192 mm.
- Date of test** March 3, 1995
- Conditions** Mounting : 12 baffles were placed on the floor in the reverberation room, see the mounting pattern in enclosure 35.  
Calculated surface area: 8,9 m<sup>2</sup>.  
Room volume: 200 m<sup>3</sup>  
Temperature and relative humidity: 18,2°C and 82 % respectively.
- Result** Sound absorption class according to Swedish standard SS 025260: class A  
The sound absorption coefficient is given below.

### Practical sound absorption coefficient



Frequency	Curve 1
63	0,25
125	0,30
250	0,65
500	1,00
1000	1,00
2000	1,00
4000	0,95

$$\alpha_w = 0,9$$