

Mint G-100

SOUND ABSORPTION COEFFICIENT ACCORDING TO ISO 354 AND ISO 11654

Measurement of sound absorption coefficient in a reverberation room



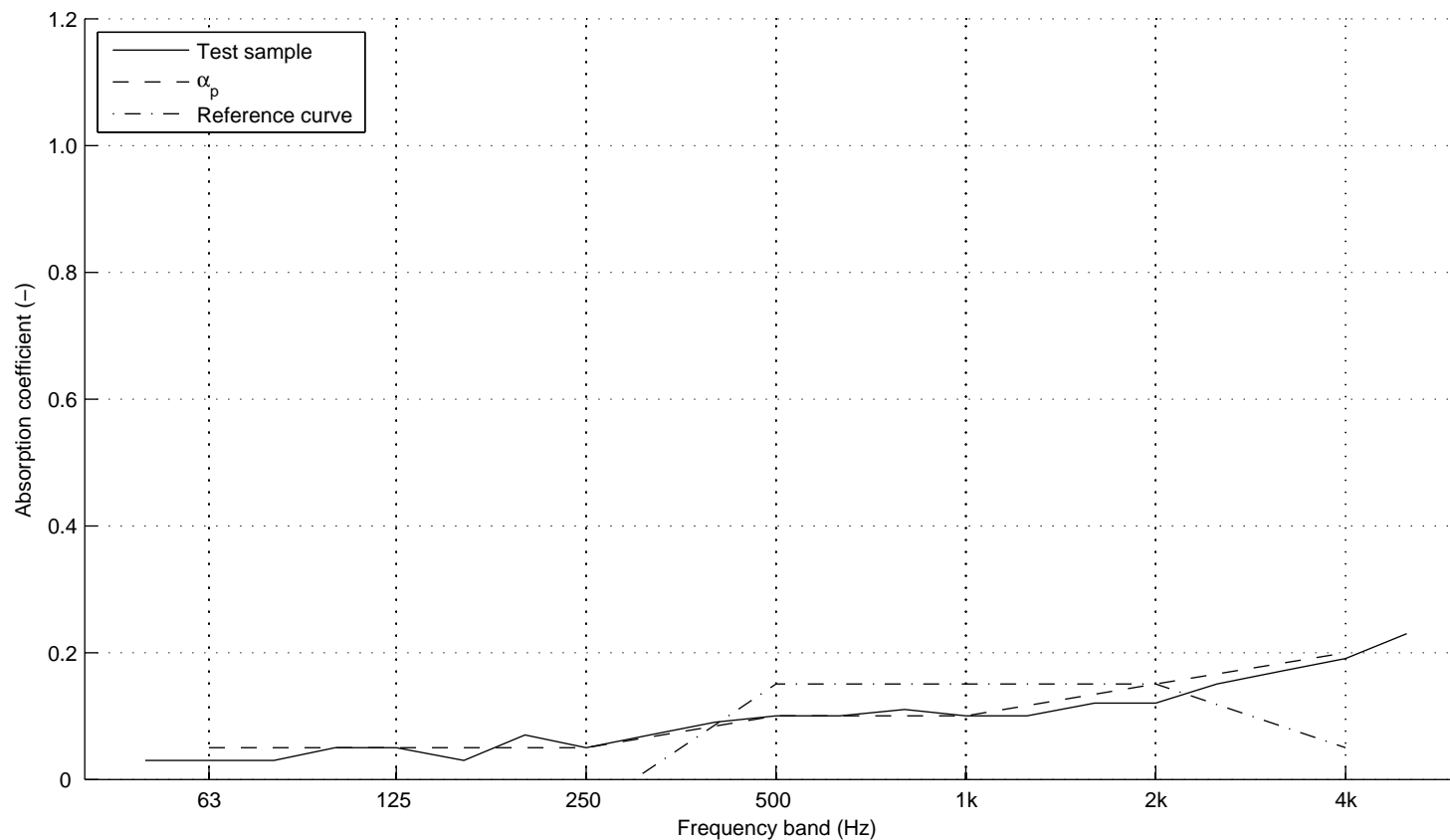
Report number:
13-200-M8
Date
2014-01-16

Frequency f [Hz]	Sound absorption coefficient	
	α_s	α_p
50	0.03	
63	0.03	0.05
80	0.03	
100	0.05	
125	0.05	0.05
160	0.03	
200	0.07	
250	0.05	0.05
315	0.07	
400	0.09	
500	0.10	0.10
630	0.10	
800	0.11	
1000	0.10	0.10
1250	0.10	
1600	0.12	
2000	0.12	0.15
2500	0.15	
3150	0.17	
4000	0.19	0.20
5000	0.23	

Client: Svensson
 Manufacturer: Svensson
 Product identification: Mint
 Description of test specimen: G-100, draperad
 90 g/m², 100% polyester Trevira CS
 Total ej draperad tygta 2,90x7,00

Reverberation room volume: 200 m³
 Temperature: 14 °C (empty: 13 °C)
 Air humidity: 42.7 % (empty: 44.7 %)
 Air pressure: 100.3 kPa (empty: 100.3 kPa)
 Size of specimen: 10.2 m²

Measurement date: 2014-01-14
 Measured by: Magnus Karlsson



$\alpha_w = 0.15$

Absorption class = E