

# LINTEX

Acoustic Test results  
ISO 354

**Edge Wall**

## Edge Wall, 3000x1000 mm, Type A mounting

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:

16-092-M4

Date

2016-05-30

| Frequency<br>f<br>[Hz] | Sound absorption<br>area<br>[m <sup>2</sup> Sabine] |     |
|------------------------|-----------------------------------------------------|-----|
| 50                     | 0.16                                                |     |
| 63                     | 0.17                                                | 0.2 |
| 80                     | 0.35                                                |     |
| 100                    | 0.52                                                |     |
| 125                    | 0.78                                                | 0.8 |
| 160                    | 0.95                                                |     |
| 200                    | 1.47                                                |     |
| 250                    | 1.56                                                | 1.7 |
| 315                    | 2.06                                                |     |
| 400                    | 2.64                                                |     |
| 500                    | 2.74                                                | 2.9 |
| 630                    | 3.46                                                |     |
| 800                    | 3.49                                                |     |
| 1000                   | 3.46                                                | 3.4 |
| 1250                   | 3.24                                                |     |
| 1600                   | 2.99                                                |     |
| 2000                   | 2.83                                                | 2.9 |
| 2500                   | 2.87                                                |     |
| 3150                   | 3.07                                                |     |
| 4000                   | 3.28                                                | 3.3 |
| 5000                   | 3.47                                                |     |

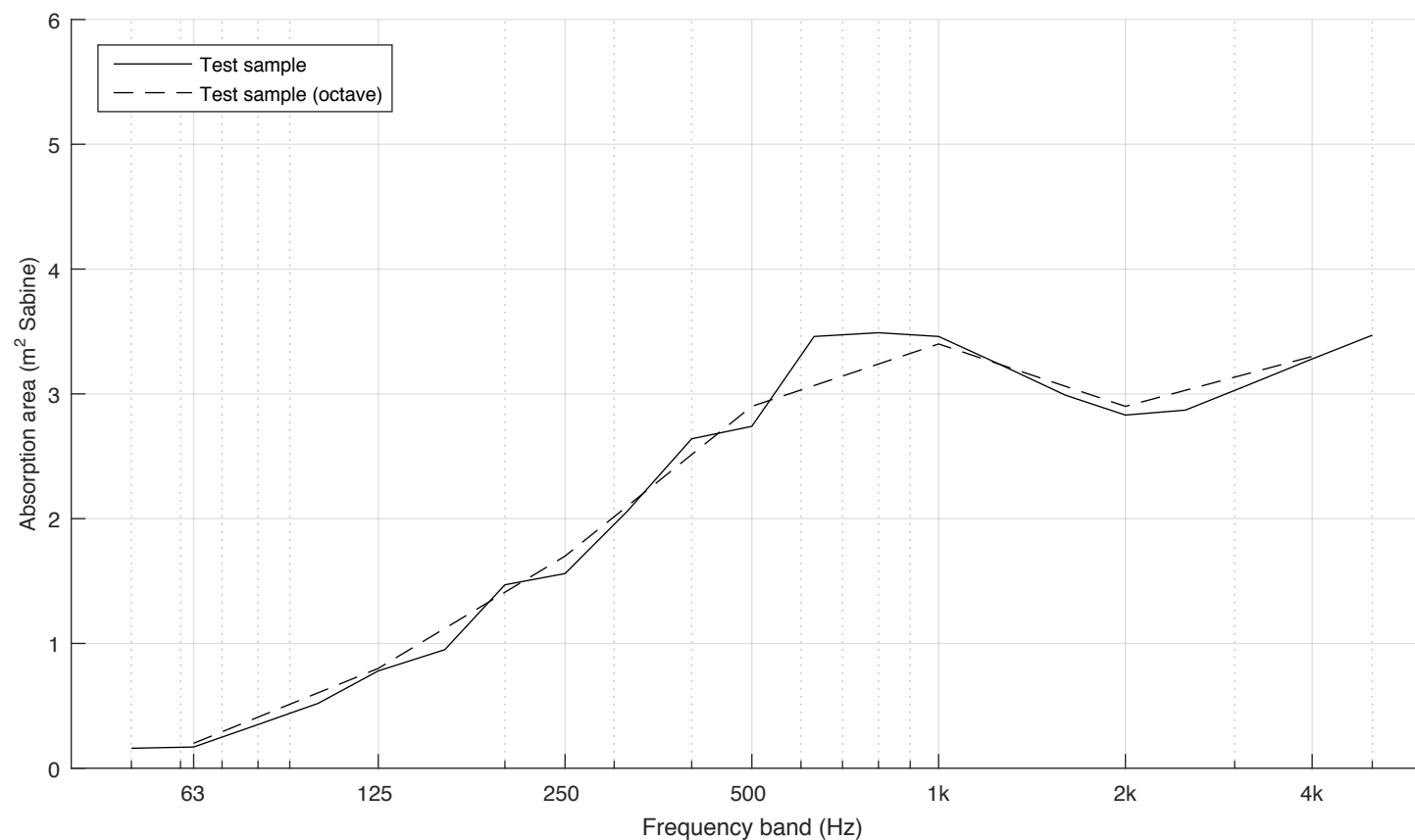
Client: Lintex  
Manufacturer: Lintex  
Product identification: Edge Wall

Description of test specimen: Size: 3000 x 1000 mm  
Placed on floor. Type A mounting.

Reverberation room volume: 200 m<sup>3</sup>  
Temperature: 18.3 °C (empty: 21.5 °C)  
Air humidity: 39 % (empty: 37 %)  
Air pressure: 98.5 kPa (empty: 98.5 kPa)  
Number of specimens: 2

Measurement date: 2016-04-15

Measured by: Magnus Karlsson



## Edge wall

SOUND ABSORPTION COEFFICIENT ACCORDING TO SS-EN ISO 354:2003 AND SS-EN ISO 11654:1997

Measurement of sound absorption coefficient in a reverberation room



Report number:  
**20-744-M2**  
Date  
**2020-12-22**

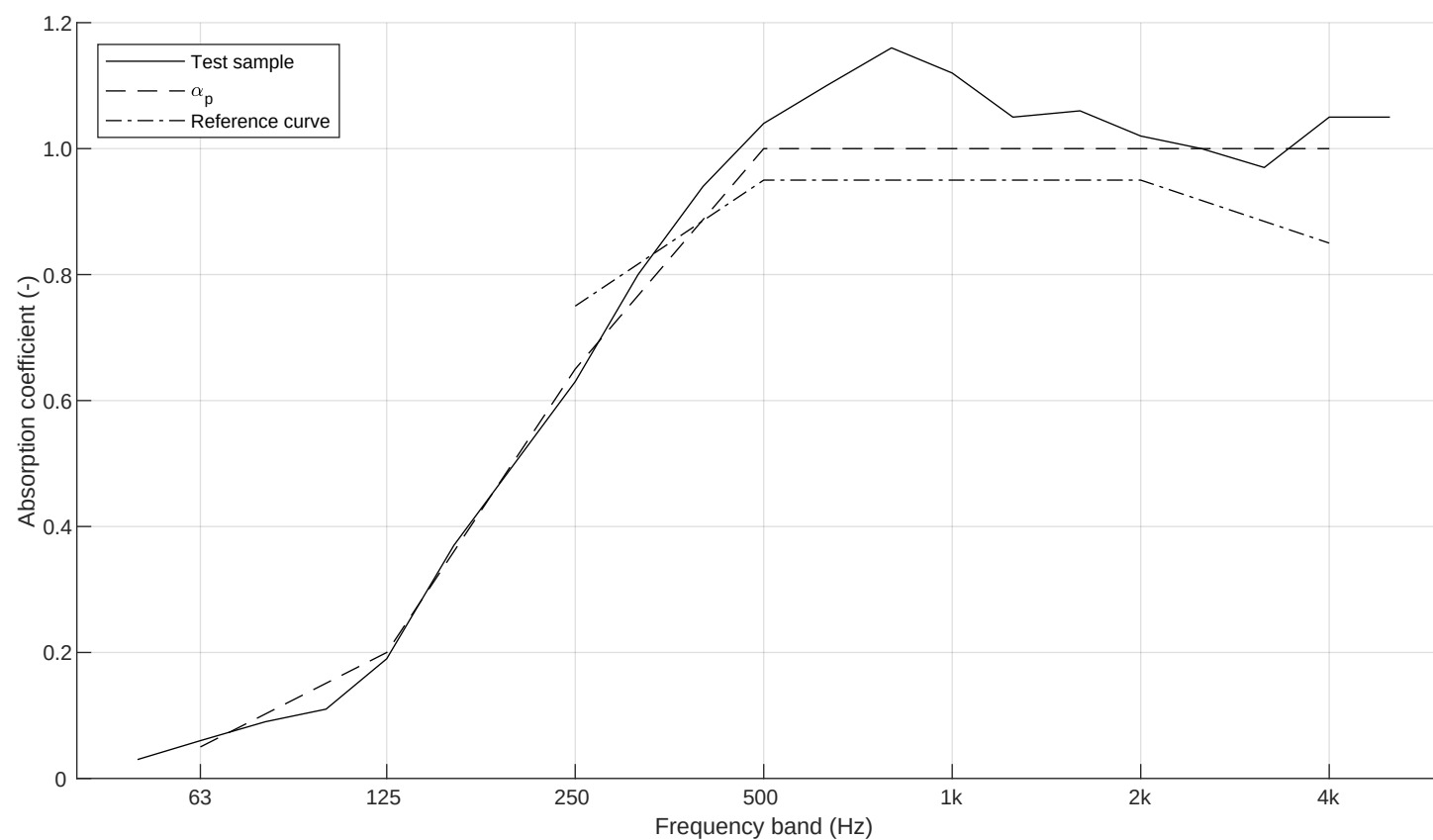
| Frequency<br>f<br>[Hz] | Sound absorption<br>coefficient |            |
|------------------------|---------------------------------|------------|
|                        | $\alpha_s$                      | $\alpha_p$ |
| 50                     | 0.03                            |            |
| 63                     | 0.06                            | 0.05       |
| 80                     | 0.09                            |            |
| 100                    | 0.11                            |            |
| 125                    | 0.19                            | 0.20       |
| 160                    | 0.37                            |            |
| 200                    | 0.50                            |            |
| 250                    | 0.63                            | 0.65       |
| 315                    | 0.80                            |            |
| 400                    | 0.94                            |            |
| 500                    | 1.04                            | 1.00       |
| 630                    | 1.10                            |            |
| 800                    | 1.16                            |            |
| 1000                   | 1.12                            | 1.00       |
| 1250                   | 1.05                            |            |
| 1600                   | 1.06                            |            |
| 2000                   | 1.02                            | 1.00       |
| 2500                   | 1.00                            |            |
| 3150                   | 0.97                            |            |
| 4000                   | 1.05                            | 1.00       |
| 5000                   | 1.05                            |            |

Client: Lintex  
Manufacturer: Lintex  
Product identification: Edge wall

Description of test specimen: Four wall absorber panels 2500x1000x50 measured directly on the floor, type A mounting.

Reverberation room volume: 200 m<sup>3</sup>  
Temperature: 16.1 °C (empty: 16.4 °C)  
Air humidity: 54 % (empty: 54 %)  
Air pressure: 98.4 kPa (empty: 98.4 kPa)  
Size of specimen: 10 m<sup>2</sup>

Measurement date: 2020-10-29  
Measured by: Magnus Karlsson



$$\alpha_w = 0.95$$

Absorption class = A