

## Edge Wall 2500 x 1000 x 50

### SOUND ABSORPTION AREA - CALCULATED FROM MEASUREMENTS

Calculated sound absorption area from ISO 354 reverberation room measurements, evaluated according to ISO 20189

Report number:

19-719-M11

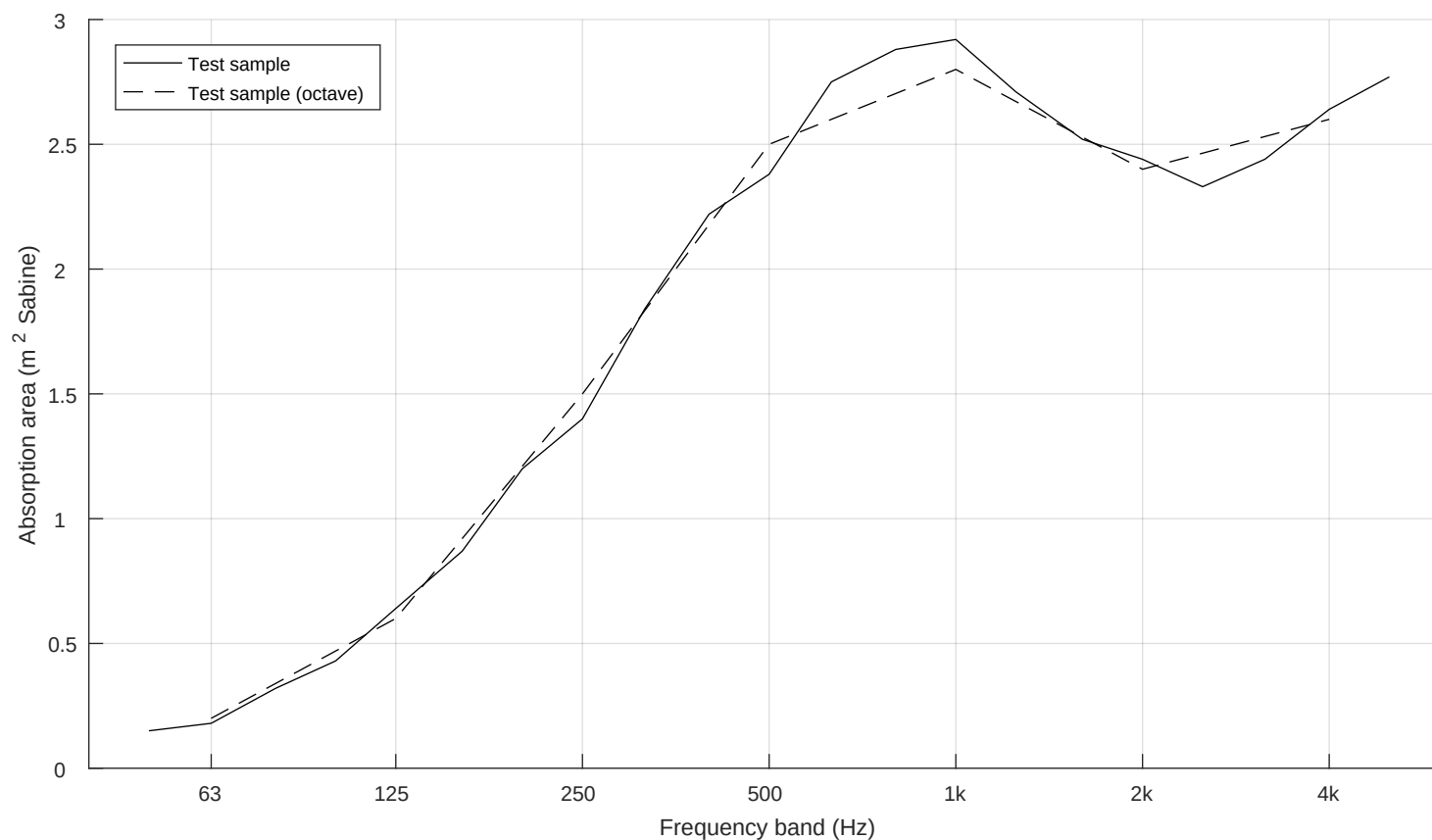
Date

2019-04-24

| Frequency<br>f<br>[Hz] | Sound absorption<br>area<br>[m <sup>2</sup> Sabine] |     |
|------------------------|-----------------------------------------------------|-----|
| 50                     | 0.15                                                |     |
| 63                     | 0.18                                                | 0.2 |
| 80                     | 0.32                                                |     |
| 100                    | 0.43                                                |     |
| 125                    | 0.64                                                | 0.6 |
| 160                    | 0.87                                                |     |
| 200                    | 1.20                                                |     |
| 250                    | 1.40                                                | 1.5 |
| 315                    | 1.84                                                |     |
| 400                    | 2.22                                                |     |
| 500                    | 2.38                                                | 2.5 |
| 630                    | 2.75                                                |     |
| 800                    | 2.88                                                |     |
| 1000                   | 2.92                                                | 2.8 |
| 1250                   | 2.71                                                |     |
| 1600                   | 2.52                                                |     |
| 2000                   | 2.44                                                | 2.4 |
| 2500                   | 2.33                                                |     |
| 3150                   | 2.44                                                |     |
| 4000                   | 2.64                                                | 2.6 |
| 5000                   | 2.77                                                |     |

Client: Lintex  
Manufacturer: Lintex  
Product identification: Edge Wall 2500 x 1000

Description of test specimen: Wall absorber 2500x1000x50 directly on floor, type A mounting.  
Sound absorption area modelled based on the measured size 2000x1000 and 3000x1000 mm according to ISO 20189, E.1.2.  
The graph scaling deviates from ISO 354 to increase readability.



$$N_{10} = 4.2$$