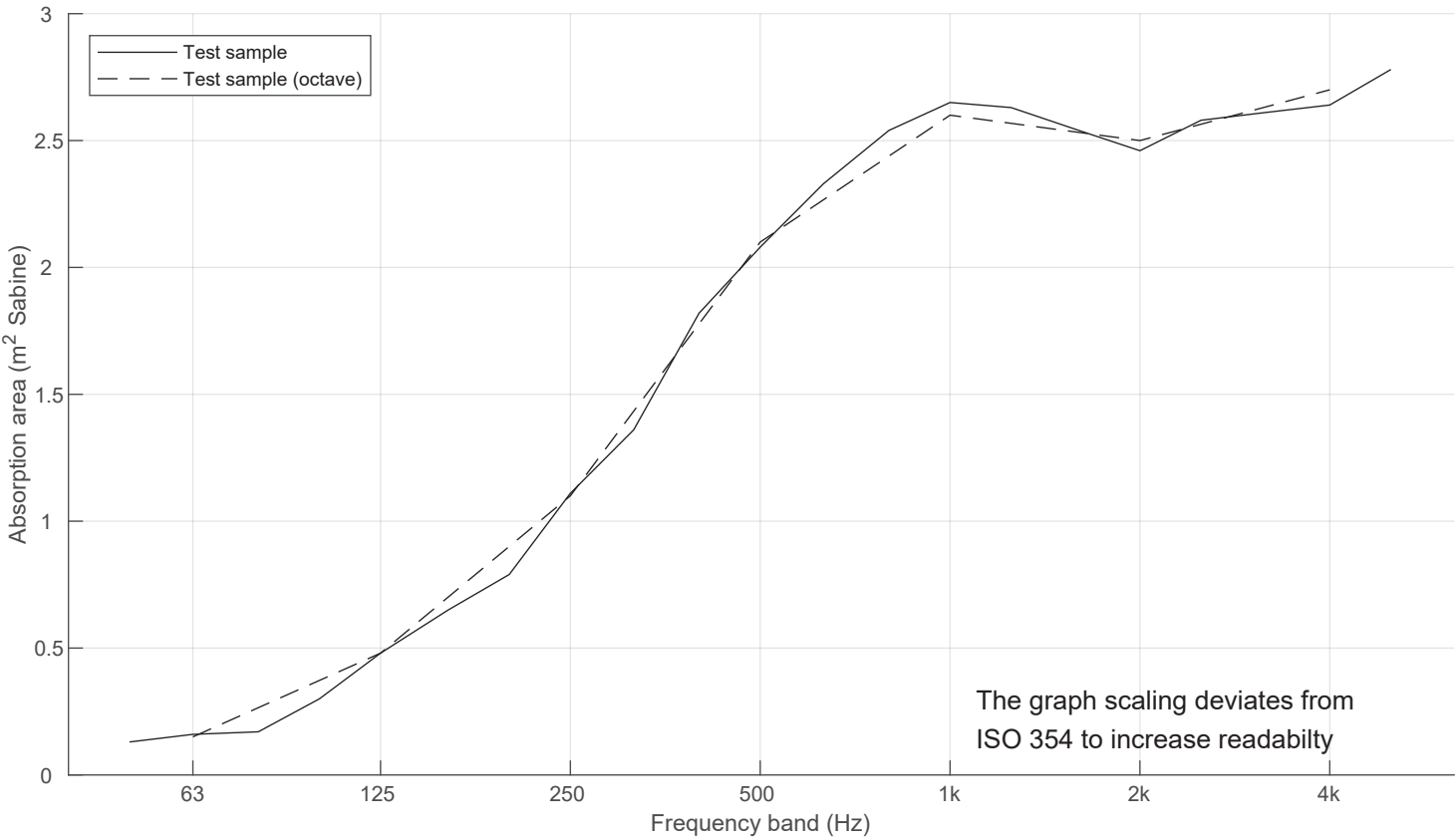


# SOUND ABSORPTION

## MITTZON floor standing screen 90x157

SOUND ABSORPTION AREA ACCORDING TO SS-EN ISO 354:2003 and ISO 20189:2018  
Measurement of sound absorption area in a reverberation room

| Frequency<br>f<br>[Hz] | Sound absorption<br>area per object<br>[m <sup>2</sup> Sabine] |      |
|------------------------|----------------------------------------------------------------|------|
| 50                     | 0.13                                                           |      |
| 63                     | 0.16                                                           | 0.15 |
| 80                     | 0.17                                                           |      |
| 100                    | 0.30                                                           |      |
| 125                    | 0.48                                                           | 0.48 |
| 160                    | 0.65                                                           |      |
| 200                    | 0.79                                                           |      |
| 250                    | 1.11                                                           | 1.1  |
| 315                    | 1.36                                                           |      |
| 400                    | 1.82                                                           |      |
| 500                    | 2.08                                                           | 2.1  |
| 630                    | 2.33                                                           |      |
| 800                    | 2.54                                                           |      |
| 1000                   | 2.65                                                           | 2.6  |
| 1250                   | 2.63                                                           |      |
| 1600                   | 2.54                                                           |      |
| 2000                   | 2.46                                                           | 2.5  |
| 2500                   | 2.58                                                           |      |
| 3150                   | 2.61                                                           |      |
| 4000                   | 2.64                                                           | 2.7  |
| 5000                   | 2.78                                                           |      |



$N_{10} = 4.8$

