

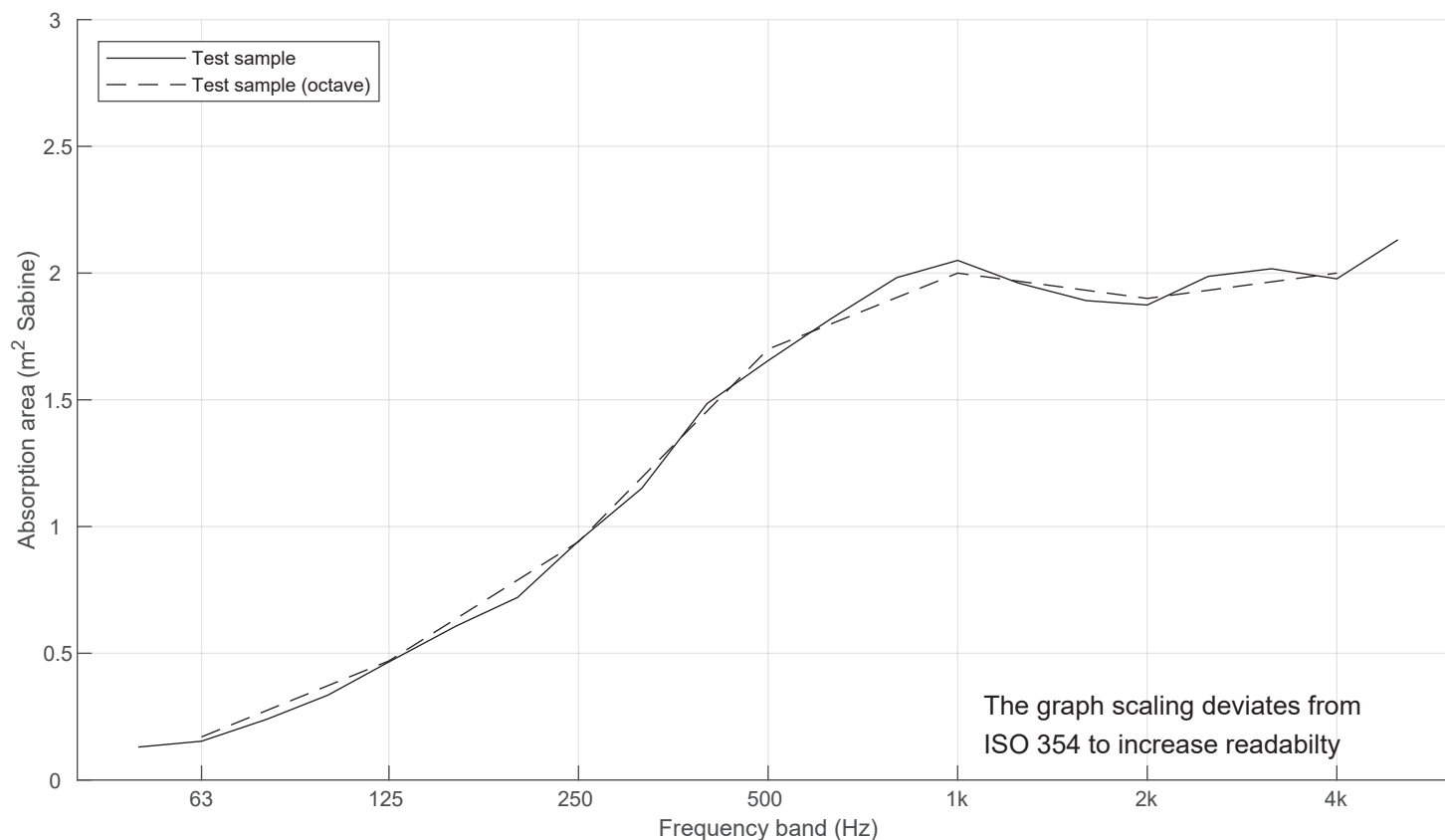
# SOUND ABSORPTION

## MITTZON floor standing screen 70x157

SOUND ABSORPTION AREA - CALCULATED FROM MEASUREMENTS

Calculated sound absorption area from ISO 354:2003 reverberation room measurements, evaluated according to ISO 20189:2018

| Frequency<br>f<br>[Hz] | Sound absorption<br>area per object<br>[m <sup>2</sup> Sabine] |      |
|------------------------|--|------|
| 50                     | 0.13   |      |
| 63                     | 0.15   | 0.17 |
| 80                     | 0.24   |      |
| 100                    | 0.33   |      |
| 125                    | 0.47   | 0.47 |
| 160                    | 0.61   |      |
| 200                    | 0.72   |      |
| 250                    | 0.94   | 0.94 |
| 315                    | 1.15   |      |
| 400                    | 1.49   |      |
| 500                    | 1.65   | 1.7  |
| 630                    | 1.82   |      |
| 800                    | 1.98   |      |
| 1000                   | 2.05   | 2.0  |
| 1250                   | 1.96   |      |
| 1600                   | 1.89   |      |
| 2000                   | 1.87   | 1.9  |
| 2500                   | 1.99   |      |
| 3150                   | 2.02   |      |
| 4000                   | 1.98   | 2.0  |
| 5000                   | 2.13   |      |



$$N_{10} = 5.9$$

