



PRODUCT DECLARATION

SOUND ABSORPTION AREA FOR OBJECT

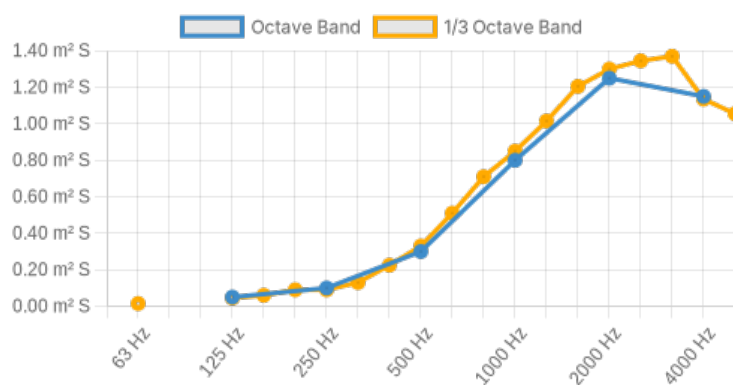
Measured and evaluated according to ISO 354 and ISO 20189

| | |
|-------------------|-------------------|
| Producer: | Offecct |
| Object: | Soundwave® Wall |
| Size [mm]: | w=30 h=2340 d=585 |

Equivalent sound absorption area per unit (m² Sabine)

| f(Hz) | 1/3 Octave Band | Octave Band |
|-------|-----------------|-------------|
| 50 | 0.00 | |
| 63 | 0.01 | |
| 80 | 0.00 | |
| 100 | 0.00 | |
| 125 | 0.04 | 0.05 |
| 160 | 0.06 | |
| 200 | 0.09 | |
| 250 | 0.09 | 0.10 |
| 315 | 0.13 | |
| 400 | 0.23 | |
| 500 | 0.33 | 0.30 |
| 630 | 0.51 | |
| 800 | 0.71 | |
| 1000 | 0.85 | 0.80 |
| 1250 | 1.01 | |
| 1600 | 1.21 | |
| 2000 | 1.30 | 1.25 |
| 2500 | 1.34 | |
| 3150 | 1.37 | |
| 4000 | 1.14 | 1.15 |
| 5000 | 1.05 | |

Equivalent sound absorption area per unit



N₁₀ = 28

| ORIGINAL TEST REPORT | DATE OF REPORT |
|----------------------|----------------|
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PRODUCT DECLARATION

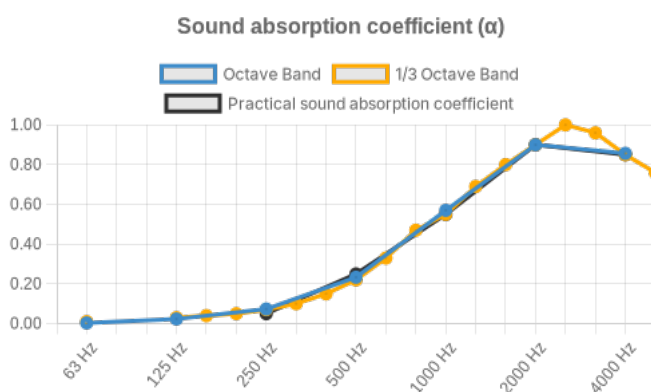
SOUND ABSORPTION COEFFICIENT FOR SURFACE

Measured and evaluated according to ISO 354 and ISO 11654

| | |
|-------------------|-------------------|
| Producer: | Offecct |
| Object: | Soundwave® Wall |
| Size [mm]: | w=30 h=2340 d=585 |

Sound absorption coefficient

| f(Hz) | 1/3 Octave Band (α_s) | Octave Band (α) | Practical sound absorption coefficient (α_p) |
|-------|--------------------------------|--------------------------|---|
| 50 | 0.00 | | |
| 63 | 0.01 | 0.00 | |
| 80 | 0.00 | | |
| 100 | 0.00 | | |
| 125 | 0.03 | 0.02 | |
| 160 | 0.04 | | |
| 200 | 0.05 | | |
| 250 | 0.07 | 0.07 | 0.05 |
| 315 | 0.10 | | |
| 400 | 0.15 | | |
| 500 | 0.22 | 0.23 | 0.25 |
| 630 | 0.33 | | |
| 800 | 0.47 | | |
| 1000 | 0.55 | 0.57 | 0.55 |
| 1250 | 0.69 | | |
| 1600 | 0.80 | | |
| 2000 | 0.90 | 0.90 | 0.90 |
| 2500 | 1.00 | | |
| 3150 | 0.96 | | |
| 4000 | 0.85 | 0.86 | 0.85 |
| 5000 | 0.76 | | |



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| ORIGINAL TEST REPORT | DATE OF REPORT |
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