



## PRODUCT DECLARATION

### SOUND ABSORPTION AREA FOR OBJECT

Measured and evaluated according to ISO 354 and ISO 20189

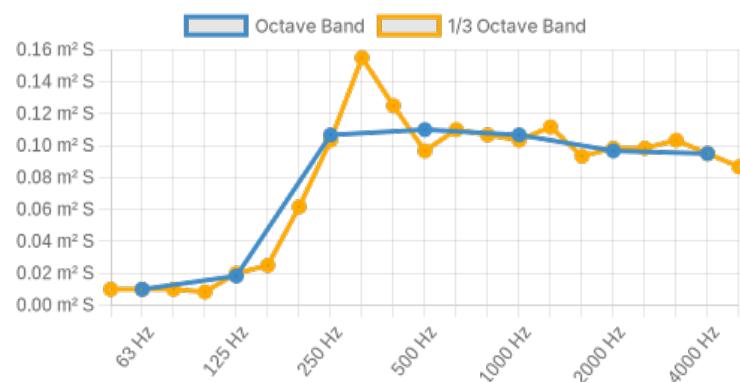
|            |                    |
|------------|--------------------|
| Producer:  | Offecct            |
| Object:    | Soundwave® Jasmine |
| Size [mm]: | w=73 h=508 d=585   |

**Equivalent sound absorption area per unit  
(m<sup>2</sup> Sabine)**

| f(Hz) | 1/3 Octave Band | Octave Band |
|-------|-----------------|-------------|
| 50    | 0.01            |             |
| 63    | 0.01            | 0.01        |
| 80    | 0.01            |             |
| 100   | 0.01            |             |
| 125   | 0.02            | 0.02        |
| 160   | 0.02            |             |
| 200   | 0.06            |             |
| 250   | 0.10            | 0.11        |
| 315   | 0.15            |             |
| 400   | 0.13            |             |
| 500   | 0.10            | 0.11        |
| 630   | 0.11            |             |
| 800   | 0.11            |             |
| 1000  | 0.10            | 0.11        |
| 1250  | 0.11            |             |
| 1600  | 0.09            |             |
| 2000  | 0.10            | 0.10        |
| 2500  | 0.10            |             |
| 3150  | 0.10            |             |
| 4000  | 0.09            | 0.09        |
| 5000  | 0.09            |             |

N<sub>10</sub> = 110

**Equivalent sound absorption area per unit**



ORIGINAL TEST REPORT

DATE OF REPORT

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## PRODUCT DECLARATION

### SOUND ABSORPTION COEFFICIENT FOR SURFACE

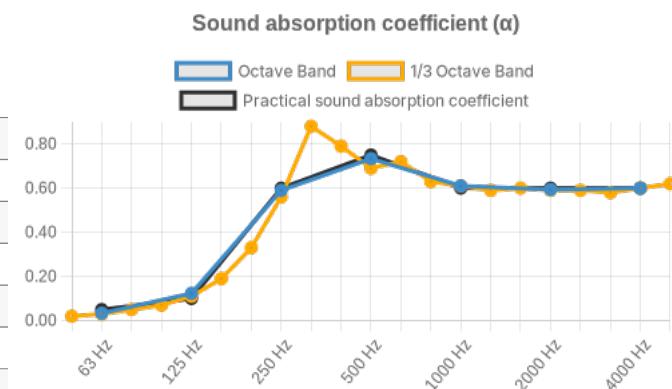
Measured and evaluated according to ISO 354 and ISO 11654

|            |                    |
|------------|--------------------|
| Producer:  | Offecct            |
| Object:    | Soundwave® Jasmine |
| Size [mm]: | w=73 h=508 d=585   |

#### Sound absorption coefficient

| f(Hz) | 1/3 Octave Band ( $\alpha_s$ ) | Octave Band ( $\alpha$ ) | Practical sound absorption coefficient ( $\alpha_p$ ) |
|-------|--------------------------------|--------------------------|---|
| 50    | 0.02                           |                          |   |
| 63    | 0.03                           | 0.03                     | 0.05  |
| 80    | 0.05                           |                          |   |
| 100   | 0.07                           |                          |   |
| 125   | 0.11                           | 0.12                     | 0.10  |
| 160   | 0.19                           |                          |   |
| 200   | 0.33                           |                          |   |
| 250   | 0.56                           | 0.59                     | 0.60  |
| 315   | 0.88                           |                          |   |
| 400   | 0.79                           |                          |   |
| 500   | 0.69                           | 0.73                     | 0.75  |
| 630   | 0.72                           |                          |   |
| 800   | 0.63                           |                          |   |
| 1000  | 0.61                           | 0.61                     | 0.60  |
| 1250  | 0.59                           |                          |   |
| 1600  | 0.60                           |                          |   |
| 2000  | 0.59                           | 0.59                     | 0.60  |
| 2500  | 0.59                           |                          |   |
| 3150  | 0.58                           |                          |   |
| 4000  | 0.60                           | 0.60                     | 0.60  |
| 5000  | 0.62                           |                          |   |

$\alpha_w = 0.65$    NRC = 0.65   SAA = 0.65



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