Sound Absorption Coefficient according to EN ISO 354:2003

Laboratory measurements

Applicant: ARTFAZIUM – ENGINEERING UNIPESSOAL Ltd.
Test specimen: Belem Absorber panels of 595x595mm. See details in the report.

Date of test: July 30th, 2015.

Room without test specimen:
22,4 °C, 63%, 957 mbar
Room with test specimen:
22,6 °C, 61%, 957 mbar

Reverberation room volume: 209,6 m³
Reverberation room area: 211,8 m²

S = 10,75 m²

<table>
<thead>
<tr>
<th>f (Hz)</th>
<th>T₁</th>
<th>T₂</th>
<th>αₛ</th>
<th>α₀</th>
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</table>

Weighted according to EN ISO 11654:1997

Sound Absorption coefficient:

\[ \alpha_w = 0,80 \text{ (H)} \]

Acoustic class: B

Evaluation based on laboratory measurement obtained by an engineering method.
Uncertainty associated to global index \( \alpha_w \): ± 0.1.

 Nº of result: B2015-20-M252

Signature: Acoustics Area

Date of report: September 7th, 2015.

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