

SOUND ABSORPTION COEFFICIENT α_w

LABORATOIRES DE TRAPPES
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This document is established on the basis of the LNE report : P210662 – DMSI/22

Destinataire : LAUDESCHER
ZI de
Pommenauque
50500 CARENTAN

**LAUDESCHER absorbent panels,
Linea 2.9.8 ceiling range**

Description of the product :

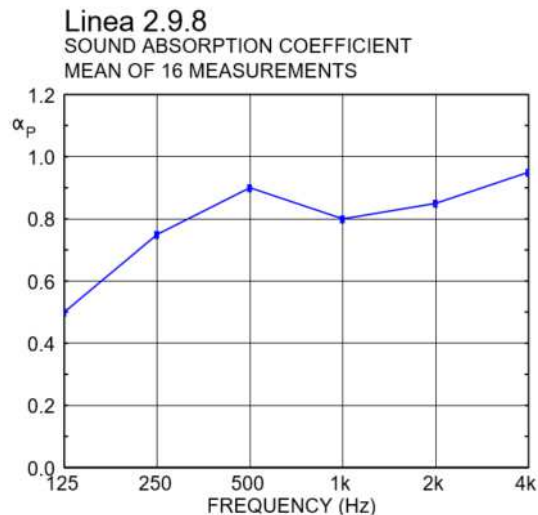
- Composition : Wood and rock wool
- Openwork panel in solid wood with addition of surface rock wool slab of a 20 mm veil at 2.4 kg/m²

Test conditions :

- Date of the measurement **9 April 2021**
- Size of the sample **10 panels 1880 x 600 mm (11.28 m²)**
- Other test conditions **Plenum of 376 mm (E-376), air gap of 250 mm**

The measurements are performed according to NF EN ISO 354 :2004 standard.

Résultats :



NF EN ISO 11654 :

**Weighted sound
absorption coefficient :**

$\alpha_w = 0.85$

Absorption class :

Classe B

Trappes, 28 April 2021

**Head Deputy for Force and
associated quantities Department**



Dominique RODRIGUES



Test Officers :

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