

## **Datasheet: Exterior panel**

### **Product: Outdoor acoustic panel.**

### **Model: Outdoor acoustic panels with wood slats in Okoume, Mahogni, Oak, Teak, Ceder.**

#### **Applications:**

Mounted outside on Exterior wall/ceilings. Specially designed acoustic panel for out-door panel in exclusive types of wood, for terraces, balconies, entrances, carports, etc.. In addition to the unique properties of these panels against moisture, these exclusive acoustic panels also provide great acoustics in the areas where they are located.

#### **Measure:**

- 18x595x2400mm. =1,44m<sup>2</sup>

#### **Weight:**

- 9,2kg. Pr. M<sup>2</sup>

#### **Tolerance:**

- Perpendicularity +/- 2mm
- Thickness +/- 1mm
- Weight +/- 10%

#### **Environment & Sustainability:**

- Fully recyclable PET-felt and wood

**InEx Solution Aps.**  
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#### **PET-Filt.**

- Premium felt 9mm. (Brandklasse: C-s1,d0)

#### **Slats:**

- 7x27mm. **slat** core: Marine plywood resistant to rot and fungus. Surface: Veneer on front

#### **Reaction to fire, felt:** According to EN 13501/ 13823-1

- C-s1,d0

#### **Felt color.**

- Black

#### **Slats wood surface:**

- Okoume
- Mahogni
- Oak
- Teak
- Ceder

#### **Oil surface maintenance:**

- If you want to maintain the color and glow of your oiled slats, we recommend that you go through your panels once a year, to dry out the slats, and finish the surface. As in real terms, it will be south-facing facades that are most affected by the sun.

#### **Mounting screw**

- **Black.** Rust free screw 4.0x30mm. (15 pcs. Pr. panel)

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## Cleaning:

- May be cleaned using a soft brush, by vacuum cleaning or by wiping with a damp cloth or sponge.

## Humidity:

- PET felt cannot absorb moisture and will not change shape or strength when exposed to water or heat up to 70 - 75 degrees.
- The slats are specially produced slats that can withstand all kinds of roads and wind without being affected by sun, rain or snow in terms of directional stability or shape.

## Data on the PET-filt:

- Indoor clima test: VOC & M1 Emission. Approved
- Odour testet Approved
- Ökotex 100: Approved
- EPD: yes. (ISO 14025 & EN 15804)
- Made of: 50% recycling felt and 50% virgin fiber.
- Recycling: 100% of the panel can be recycling after end us (25 years)
- Hygiene: Microorganisms cannot grow in the felt

## Sound test:

### Mounted directlt on the wall & ceiling

Frekvens = (Hz):	125	250	500	1000	2000	4000	aw	NRC	Absorption
Practical absorption coefficient	0.00	0.10	0.30	0.75	0.90	0.55	0.30	0.50	D

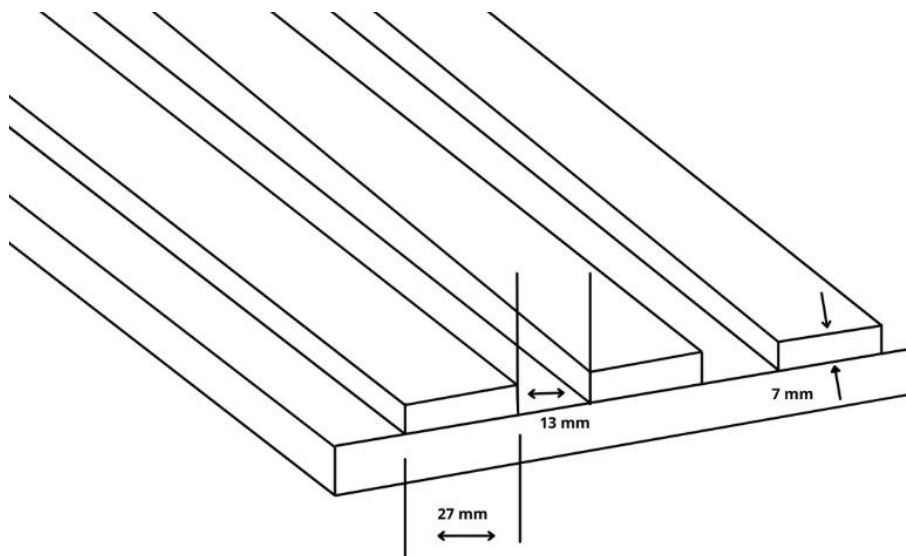
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**Mounting with 45mm. Mineral wool**  
**On the back side**

**Frekvens = (Hz):**  
**Practical absorption**  
**coefficient**

125	250	500	1000	2000	4000	aw	NRC	Absorption
0.20	0.70	1.00	0.90	0.65	0.55	0.80	0.85	B



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