

Technical data sheet

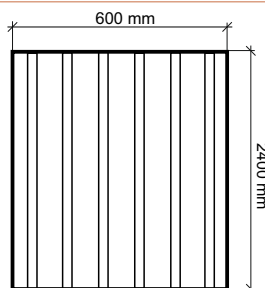
IDEALUX FL

Ideawood

IDEATEC

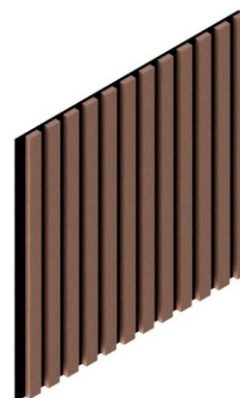
advanced acoustic solutions

DESCRIPTION

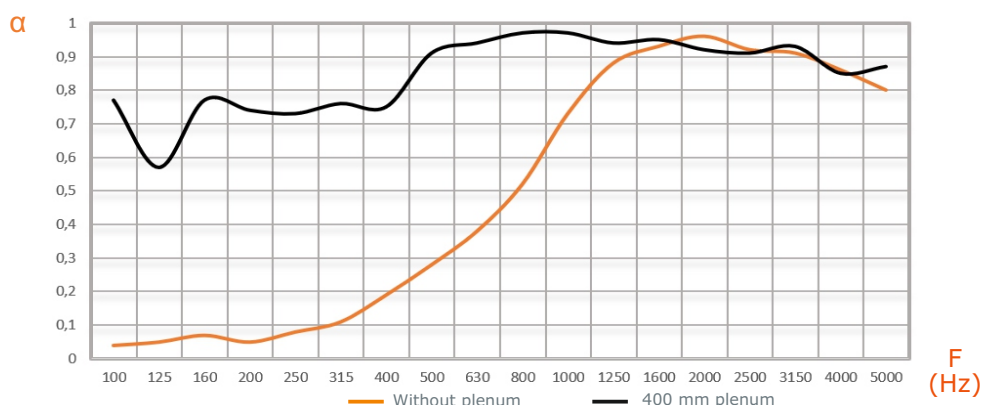


2400x600 mm modules and slats
12x27 mm separated by 13 mm.

Recycled polyester fiber core and
melamine finish.



ACOUSTIC TEST



STUDIED DATA

Sizes: 2400x600 mm

Thickness: 21 mm

Weight: 9 kg

Density:

PET Fiber: 220 kg/m3 (+/- 6%)

MDF: 750 kg/m3 (+/- 6%)



Test sample with Plenum.



Test sample without Plenum.

Medium absorptive coefficient

$\alpha_m = 0,66$

$\alpha_m = 0,93$

Average absorptive coefficient

$\alpha_w = 0,35$

$\alpha_w = 0,95$

Noise reduction coefficient

$NRC = 0,51$

$NRC = 0,88$

TECHNICAL FEATURES

Sizes	2400x600.
Tolerances	Width: $\pm 1,5$ mm; Length: $\pm 1,5$ mm.
Water-resistant	Ask for properties.
Absorptive Core	Recycled polyester fiber core.
Fire-rated	UNE 13501 Polyester fiber: B-s1, d0 MDF board: B-s1, d0

*Ask for other finishes or sizes.

PRODUCT REMARKS

The material should be stored in the jobsite at least 24h prior to the installation. The temperature must be between 18° and 25° and the relative humidity between 40% and 60%. The core panel is a fiber material, the light's incident may generate shadows, wavy relief and similar effects. We recommend to leave a 5mm joint between panels.

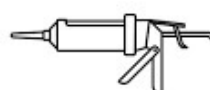
ADDITIONAL FEATURES

Washable Product	Clean with a damp cloth. Do not use chemical agents
Impact Resistance	Depends on the support material.
Scratching Resistance	Depends on the finishing material.
Dirt Proof	Moderate resistance to dirt.
Recyclable	100% recyclable.
Earthquake-resistant	Possible to install an anti-seismic system.

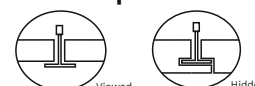
INSTALLATION STANDARD SYSTEM

Walls

Mounting adhesive
or screws.



Suspended ceilings



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