

Technical data sheet

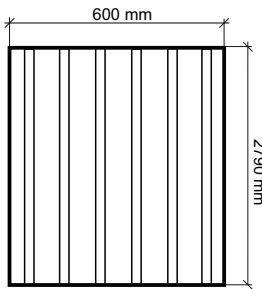
IDEALUX FL

Ideawood

IDEATEC

advanced acoustic solutions

DESCRIPTION

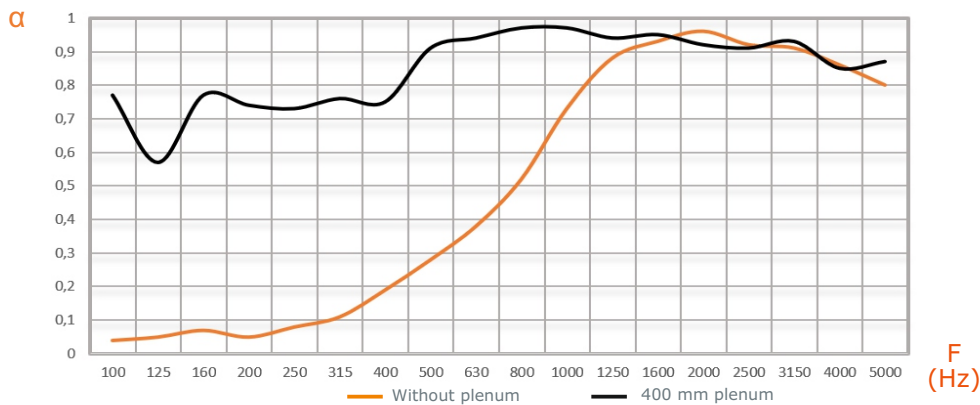


2790x600 mm modules and slats
10x27 mm separated by 13 mm.

Recycled polyester fiber core. Thickness = 9 mm.
Melamine finish. Thickness = 10 mm



ACOUSTIC TEST



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

$NRC = 0,51$

$NRC = 0,88$

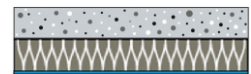
STUDIED DATA

Weight: 8,9 kg / m²

Density:

PET Fiber: 220 kg/m³ (+/- 6%)

MDF: 750 kg/m³ (+/- 6%)



Test sample with Plenum.



Test sample without Plenum.

TECHNICAL FEATURES

Sizes	2790x600.
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.

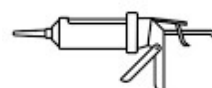
ADDITIONAL FEATURES

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.

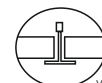
INSTALLATION STANDARD SYSTEM

Walls

Mounting adhesive or screws.



Suspended ceilings



Viewed



Hidden

