

# LIGHTBEN Acoustic

## DESCRIPTION

Composite panel for interior design made with a honeycomb core in clear Polycarbonate 15mm, bonded with micro-perforated PETG external layers 1mm thick.

## USE

- Back-lit false-ceilings
- Partition walls
- Acoustic elements
- Architectural elements for better acoustic performances



## STANDARD DIMENSIONS AND WEIGHT

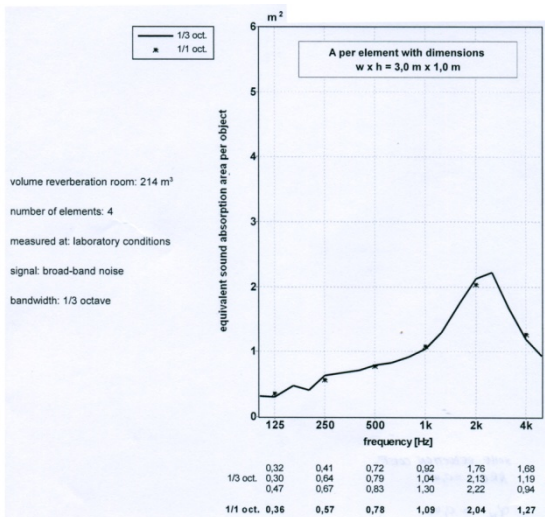
Length	3015 mm (± 2)
Width	1000 (+ 1 / -2)
Thickness	17 mm (± 0,5)
Weight	3,9 KG/m <sup>2</sup>

## TECNICAL FEATURES

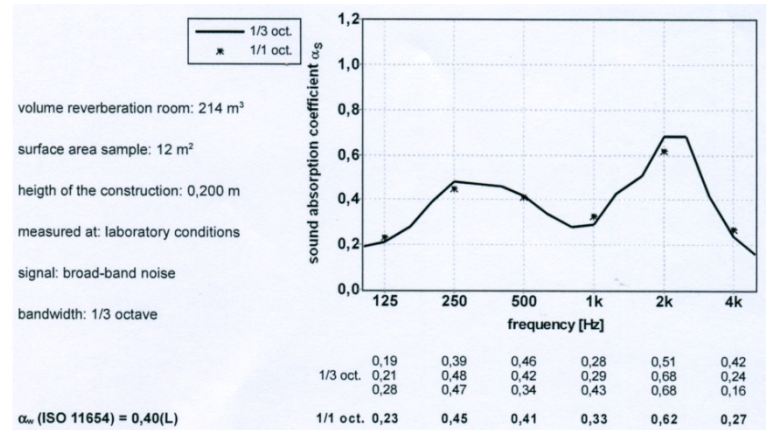
Weighted Noise Absorption Coeff.	$\alpha_w = 0,40$
Noise Reduction Coeff.	NRC = 0,45
Flexural Elasticity Module	430 Mpa
Fluxural Strength	4,15 Mpa
Light Transmission Coeff.	78% @ 0° - 71% @ 15° - 68% @ 30° - 63% @ 45° - 53% @ 60°

## CERTIFICATES

Fire Reaction	Class B1 - Germany (DIN 4102-1) Class 1 - Italy (UNI 9177)
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## EQUIVALENT SOUND ABSORPTION



## SOUND ABSORPTION



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