



# RETTANGOLO MONO

PHONOLOOK DESIGN ECO



Single-sided sound-absorbing panel **PHONOLOOK DESIGN ECO** mod. **MONO RETTANGOLO** with a thickness of ..... mm, dimensions .....X..... mm, suitable for reducing the reverberation in indoor environments, consisting of a thermoformed polyester fiber panel with variable density. The exposed face has a convex section, covered with Trevira Cs® self-extinguishing polyester fabric (edge included), available in a wide range of colors. The panel features a **a visible perimeter stitching** available in a wide range of colors.

The **Phonolook Design Eco Mono RETTANGOLO** panel is a **CE Marked** product. It is classified for **Reaction to Fire in Italian Class C1** according to the UNI EN 13501-1 standard. The panel has **sound-absorption coefficients** obtained from tests carried out in a reverberation room according to the UNI EN ISO 354 standard such as to give it the **"Acoustic Absorption Class A"**, in accordance with the UNI EN ISO 11654 standard. The panel is certified **Indoor Air Comfort®** which validates its **very low VOC emissions** in the context of a higher air quality in indoor environments in compliance with the main international protocols including among others the **French VOC Regulation, Italian CAM Edilizia, BREEM International** and **LEED**. It has **"E1 Formaldehyde Release Class"** according to the UNI EN 13964 standard. It is made up of **recycled materials** for more than 60% of its weight and is **fully recyclable** at the end of its life.

The **Phonolook Design Eco Mono RETTANGOLO** panel is equipped on the flat side with **stiffening elements** with holes prepared for fixing specific elements for the application of the panel suspended from the ceiling using cables, or in adherence to the ceiling or wall using round magnets or again spaced from the ceiling or wall by means of round magnets and special spacer tubes.

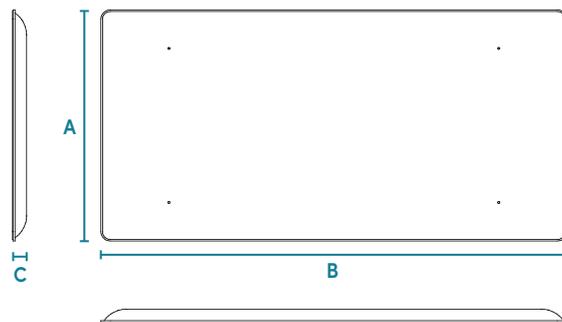
NB: Specification item downloadable from the website:  
[www.phonolook-eternoivica.com/en/pages/downloads](http://www.phonolook-eternoivica.com/en/pages/downloads)



## TECHNICAL DATA

PANEL CODE	TYOLOGY	A	B	C	M <sup>2</sup>	KG/PANEL
LP71203123	Single-sided	300	1200	35	0,36	1,0
LP71203183	Single-sided	300	1800	35	0,54	1,5
LP71206123	Single-sided	600	1200	35	0,72	2,0
LP71206183	Single-sided	600	1800	35	1,08	3,0

NB: The numerical values in the table are expressed in mm.



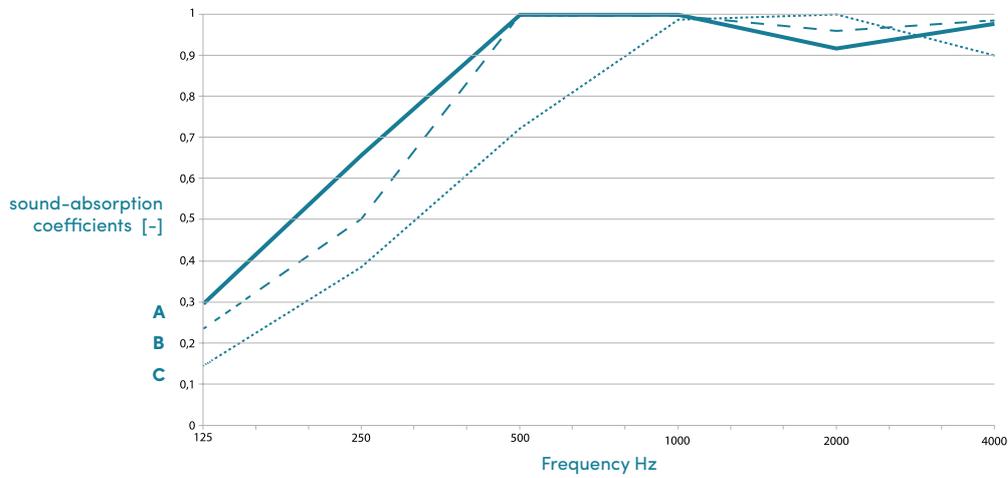
## CHARACTERISTICS

- Different sound-absorption classes** depending on your needs.
- Fire resistant**, certified according to Euroclasses and related Italian classes.
- Ecological**: characterized by very low VOC and formaldehyde emissions.
- Eco-sustainable**: made with recycled materials for over 60% of its weight and recyclable at the end of its life.
- Product compliant with CE marking.**
- Wide range of aesthetic solutions, fabrics and colors** available in the catalogue.
- Possible **creation of customized fabrics** with custom colors starting from RAL or Pantone.
- Possible use of **antibacterial fabrics** based on silver ion technology.
- Customization by high definition UV printing** on the coating fabric.
- Among the lightest panels on the market** with the same sound-absorbing capacity.
- Air-gap installable** for optimal acoustic performance.
- Equipped with a bar system** to facilitate installation.
- Possible **integration with lighting fixtures and LED systems.**
- Resistant to balloon shocks** up to 16.5 m/s.
- Possible **customized solutions** using **dedicated molds.**

# SOUND-ABSORPTION

PANEL TYPE	THICKNESS [mm]	CAVITY [mm]	coefficient $\alpha$ at different frequencies $f$ [Hz]						$\alpha_w$	SOUND - ABSORPTION CLASS
			125	250	500	1000	2000	4000		
ECO MONO	35	0	0,15	0,38	0,72	0,98	1,00	0,90	0,70	C
	35	50	0,24	0,50	1,00	1,00	0,96	0,98	0,80	B
	35	100	0,29	0,66	1,00	1,00	0,92	0,97	0,90	A

NB: For further information contact the technical office.

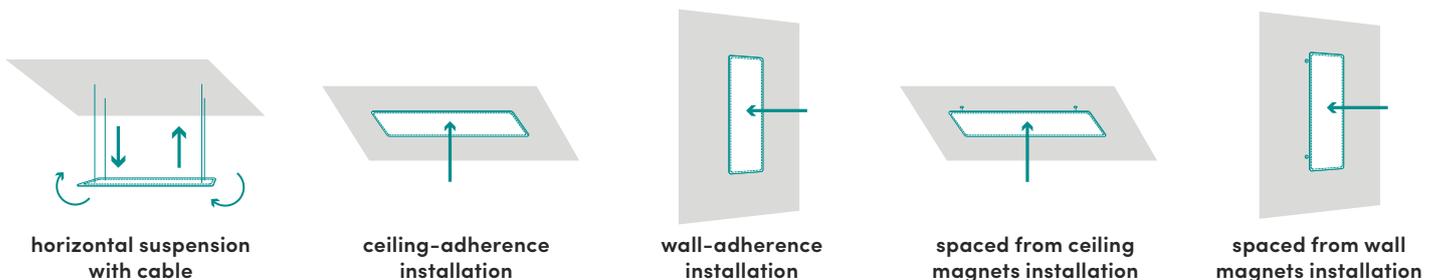


## FABRICS

Fabrics in 100% intrinsically fireproof polyester branded Trevira Cs© entirely produced in Italy. With an essential and clean look, two-way stretch, in the **KING-L** version with smooth texture or **MIRAGE** with crep weave that does not give direction to the fabric. Also available in the **antibacterial version**, the fabrics treated in the production phase with silver ions exert an active action against bacteria, preventing their permanent proliferation and the consequent formation of bad odors.



## INSTALLATION



PANEL SIZE [mm]	BAFFLE	CABLES	GRIP MAGNETS	SPACES MAGNETS
300x1200	-	2	2	2
300x1800	-	3	3	3
600x1200	-	4	4	4
600x1800	-	6	6	6

The above data are relevant to current production and may be changed or updated by Eterno Ivica at any time without notice.