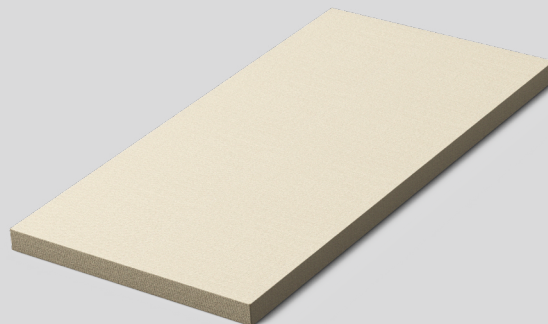




RETTANGOLO

PHONOLOOK SOLUTION



Sound-absorbing panel **PHONOLOOK SOLUTION** mod. **RETTANGOLO** with a thickness of mm, dimensionsx..... mm, suitable for reducing the reverberation in indoor environments, consisting of a polyester fiber panel inserted inside a modular metal perimeter frame constituting an internal padding with constant density. The exposed face is covered with a self-extinguishing polyester fabric (edges included), preferably Trevira Cs®, available in a wide range of colors. The **upholstery fabric is removable**, mechanically fixed to the back of the panel without the use of adhesives or glue so that it can be removed after the installation of the panel itself. On request, it is possible to print images or motifs by **UV printing** on the fabric (edges included).

The **Phonolook Solution RETTANGOLO** panel is a **CE Marked** product. It is classified for **Reaction to Fire in Euroclass B-s1, d0** 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, BREEAM 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 Solution RETTANGOLO** panel is equipped on the rear side with perforated plates 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. The **Phonolook Solution RETTANGOLO** panel can be used for continuous wall coverings. In this case it is possible to make customized panels with dimensions up to 1200x3000 mm. In these cases, it is recommended to apply it to the wall using special fixing systems and related safety hooks included in the supply of the panel.

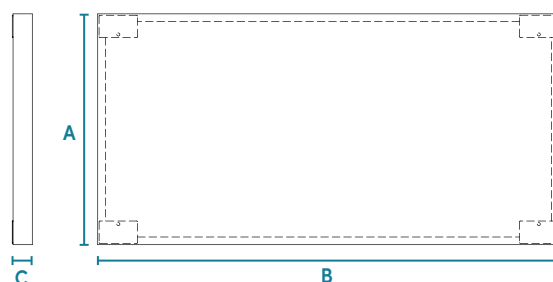
NB: Specification item downloadable from the website:
www.phonolook-eternoivica.com/en/pages/downloads



TECHNICAL DATA

PANEL CODE	TYOLOGY	A	B	C	M ²	KG/PANEL
LP312031250	Single-sided	300	1200	50	0,36	1,8
LP312031850	Single-sided	300	1800	50	0,54	2,6
LP312061250	Single-sided	600	1200	50	0,72	3,5
LP312061850	Single-sided	600	1800	50	1,08	5,3
LP312121850	Single-sided	1200	1800	50	2,16	10,5

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



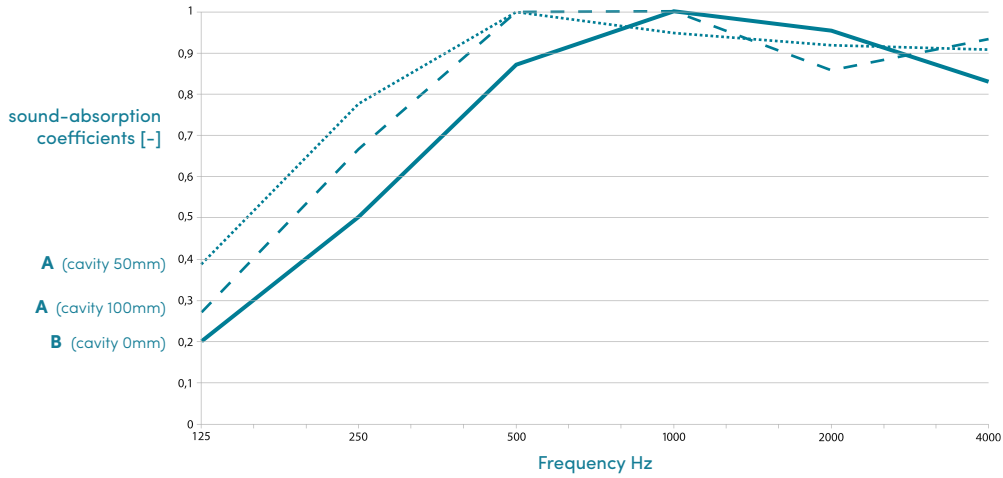
CHARACTERISTICS

- 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.
- Equipped with a bar system** to facilitate installation.
- Air-gap installable** for optimal acoustic performance.
- Equipped with removable cover fabric**.
- 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

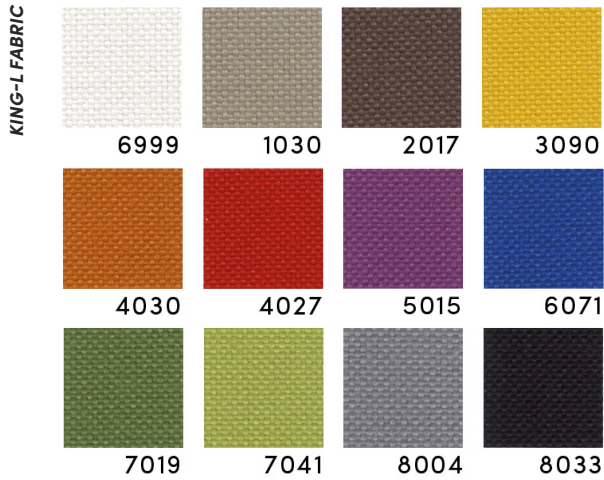
PANEL TYPE	THICKNESS [mm]	CAVITY [mm]	coefficient α at different frequencies f [Hz]						α_w	SOUND-ABSORPTION CLASS
			125	250	500	1000	2000	4000		
SOLUTION	50	0	0,20	0,50	0,87	1,00	0,96	0,85	0,80	B
	50	50	0,28	0,67	1,00	1,00	0,90	0,93	0,90	A
	50	100	0,39	0,78	1,00	0,95	0,92	0,95	0,95	A

NB: For further information contact the technical office.

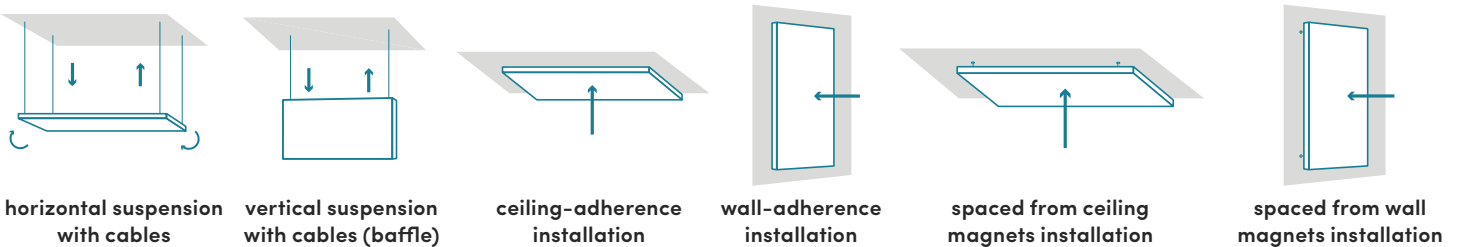


FABRICS

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	4	4	4
300x1800	3	6	6	6
600x1200	2	4	4	4
600x1800	3	6	6	6
1200x1800	3	6	6	6