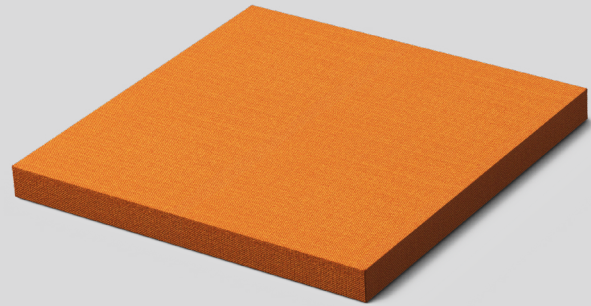




# QUADRO

PHONOLOOK SOLUTION



Sound-absorbing panel **PHONOLOOK SOLUTION** mod. **QUADRO** with a thickness of ..... mm, dimensions .....x..... 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 QUADRO** 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 QUADRO** 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.

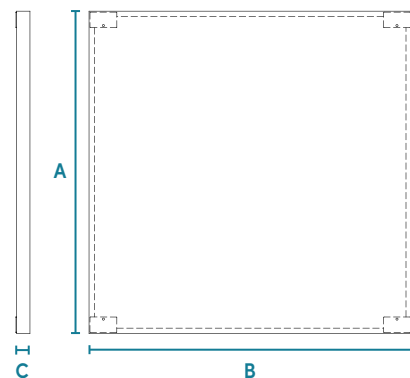
NB: Specification item downloadable from the website:  
[www.phonolook-eternoivica.com/en/pages/downloads](http://www.phonolook-eternoivica.com/en/pages/downloads)



## TECHNICAL DATA

PANEL CODE	TYOLOGY	A	B	C	M²	KG/PANEL
LP311060650	Single-sided	600	600	50	0,36	1,8
LP311121250	Single-sided	1200	1200	50	1,44	7,0

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



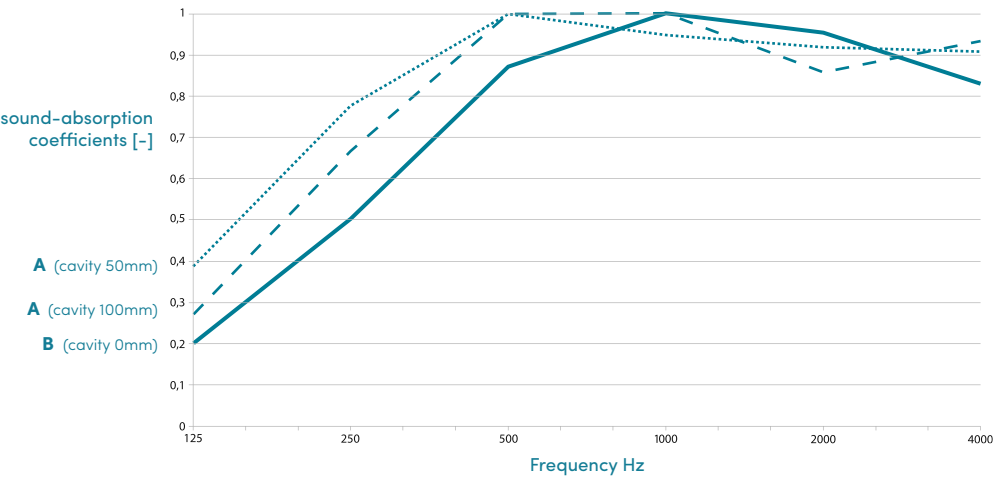
## CHARACTERISTICS

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

# SOUND-ABSORBING

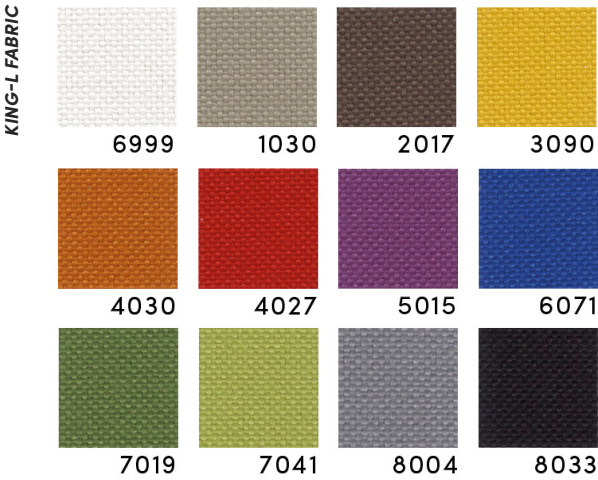
PANEL TYPE	THICKNESS [mm]	CAVITY [mm]	coefficient $\alpha$ at different frequencies $f$ [Hz]						$\alpha_w$	SOUND-ABSORPTION CLASS
			125	250	500	1000	2000	4000		
SOLUTION	50	0	0,20	0,50	0,87	1,00	0,96	0,85	0,80	B
	50	50	0,28	0,67	1,00	1,00	0,90	0,93	0,90	A
	50	100	0,39	0,78	1,00	0,95	0,92	0,95	0,95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

NB: For further information contact the technical office.

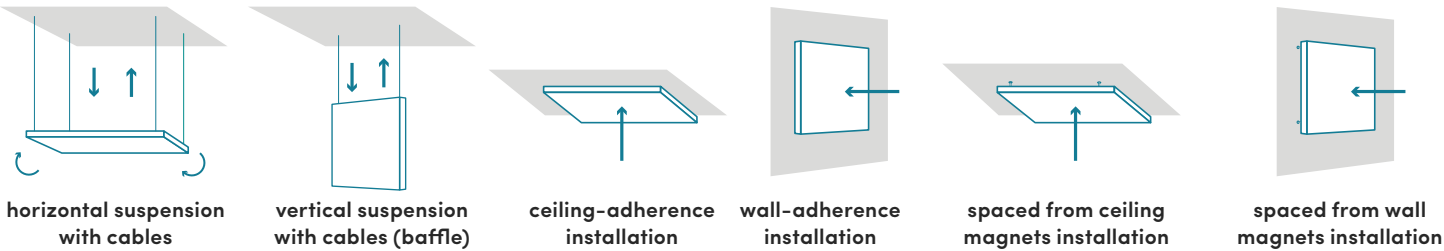


# FABRICS

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
600X600	2	4	4	4
1200X1200	2	4	4	4