



RETTANGOLO TWIN

PHONOLOOK DESIGN ECO



Double-sided sound-absorbing panel **PHONOLOOK DESIGN ECO** mod. **TWIN RETTANGOLO** with a thickness of mm, dimensionsx..... mm, suitable for reducing the reverberation in indoor environments, consisting of a pair of thermoformed polyester fiber panels coupled to form a single panel with variable density. The faces have a convex section, covered with Trevira Cs® self-extinguishing polyester fabric (edges included), available in a wide range of colors. The panel features a **visible perimeter stitching** on both sides, available in a wide range of colors.

The **Phonolook Design Eco Twin RETTANGOLO** panel is a **CE Marked** product. It is classified for **Reaction to Fire** 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 Design Eco Twin RETTANGOLO** panel is equipped internally with **stiffening elements** with holes prepared for fixing specific elements for the application of the panel suspended from the ceiling using cables, both horizontally and vertically (baffle), 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.

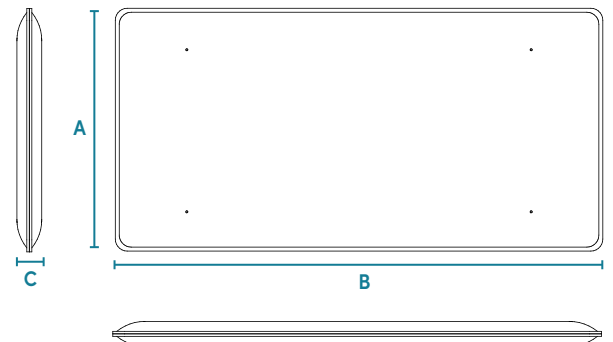
NB: Specification item downloadable from the website:
www.phonolook-eternoivica.com/en/pages/downloads



TECHNICAL DATA

PANEL CODE	TYOLOGY	A	B	C	M ²	KG/PANEL
LP72203121	Double-sided	300	1200	50	0,36	1,4
LP72203181	Double-sided	300	1800	50	0,54	2,1
LP72206121	Double-sided	600	1200	50	0,72	2,7
LP72206181	Double-sided	600	1800	50	1,08	4,1

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



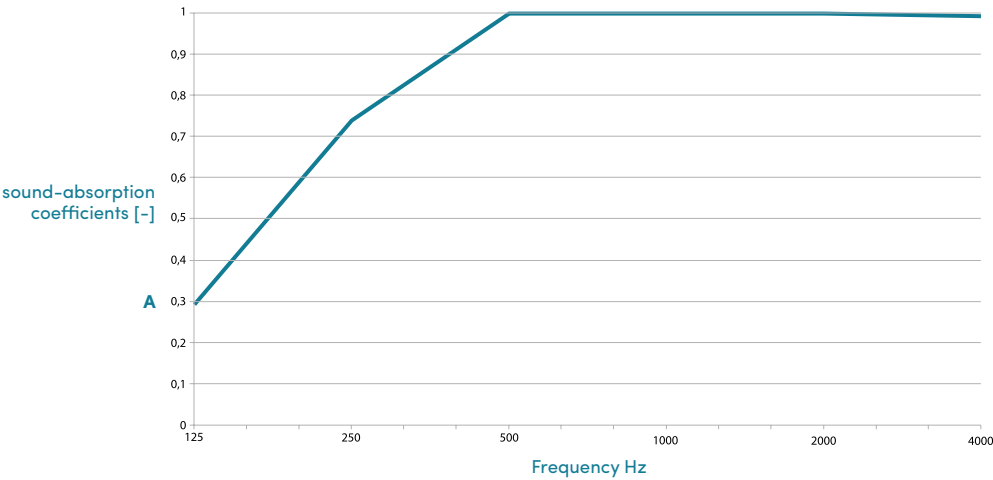
CHARACTERISTICS

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

SOUND-ABSORPTION

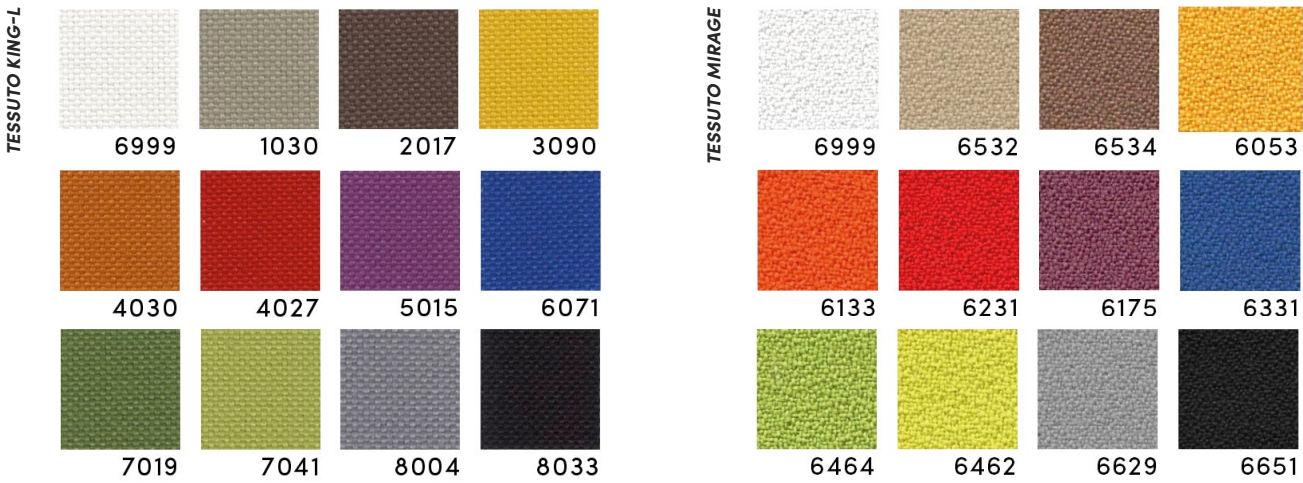
PANEL TYPE	THICKNESS [mm]	CAVITY [mm]	coefficient α at different frequency f [Hz]						α_w	SOUND - ABSORPTION CLASS
			125	250	500	1000	2000	4000		
ECO TWIN	50	50	0,28	0,74	1,00	1,00	1,00	0,97	1,00	A

NB: For further information contact the technical office.

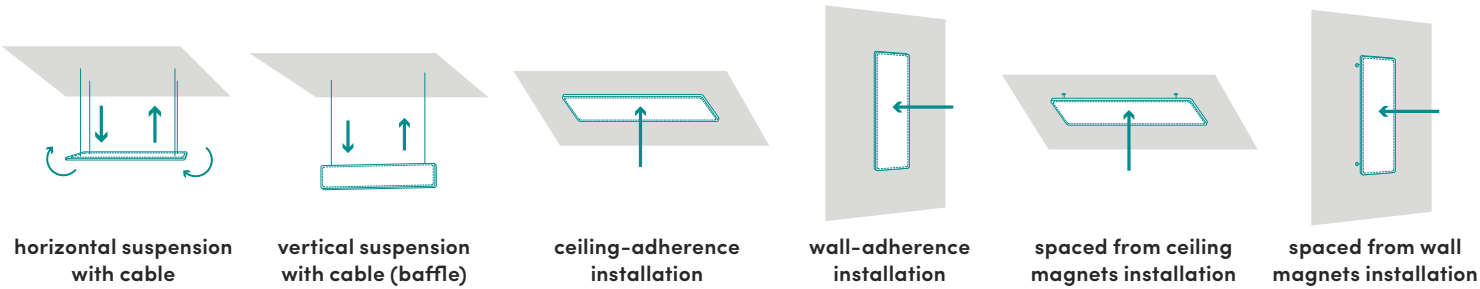


FABRICS

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	2
300x1800	3	3	3	3
600x1200	2	4	4	4
600x1800	3	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.