

QUADRO PLUS

PHONOLOOK QUADRO PLUS



Supply and installation of **Phonolook QUADRO PLUS** sound absorbing panels, thickness mm, dimensions 575x575 mm, for the reduction of the reverberation in indoor environments, with sound-absorption coefficients obtained from tests performed in the reverberation room according to UNI EN ISO 354. The installation is made by substituting the Phonolook QUADRO PLUS panels in place of the existing elements in the current or planned false ceiling, positioning them by means of special wings fixed on the perimeter frame, paying attention to adjust their position so that it is perfectly flat.

For the installation in adherence, the sound absorption coefficients must not be lower than: 0.55 at 250 Hz - 0.93 at 500 Hz - 0.98 at 1000 Hz - 0.84 at 2000 Hz - 0.84 at 4000 Hz. According to UNI EN 13501-1, **Phonolook QUADRO PLUS** panel is certified in Euroclass B-s1, d0 of reaction to fire, corresponding to the Italian Class C1 (metal frame).

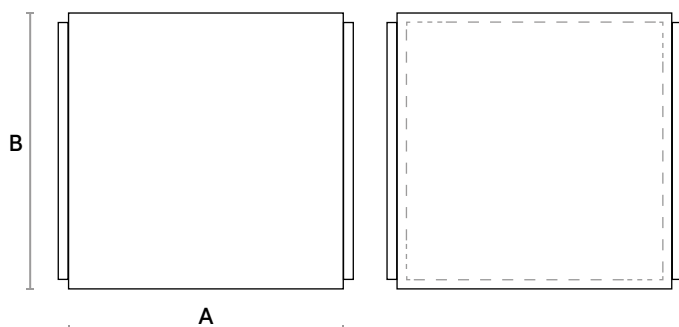
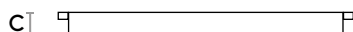
The Phonolook QUADRO PLUS panel is made as follows:

- Perimeter frame not visible.
- Sound-absorbing material inside in polyester fiber with variable density depending on the thickness.
- Surface coating on the visible side made with 100% self-extinguishing polyester fiber fabric available in a wide range of colors.
- Non-visible black TNT coating.

Phonolook panels are made of at least 85% recyclable and/or recoverable polyester fiber. The supply of the **Phonolook QUADRO PLUS** panels includes suspension systems to the false ceiling, consisting of wings previously fixed on the sides opposite the frame. The choice of colors is by D.LL.

TECHNICAL DATA

FRAME	A	B	C	m ²	WEIGHT
Metal	575	575	30	0,33	3 kg
	575	575	50	0,33	4 kg
	575	575	70	0,33	5 kg
Wood	575	575	30	0,33	1,5 kg
	575	575	50	0,33	2 kg
	575	575	70	0,33	3 kg



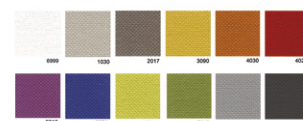
NB: Possible production of panels with customized sizes. The numerical values in the table are expressed in mm. The weights are indicative and could deviate from what is indicated in the table.

CHARACTERISTICS

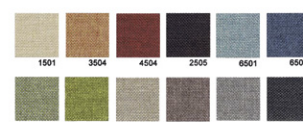
- Panel certified in Euroclass B-s1, d0 of **reaction to fire**, corresponding to the Italian Class C1.
- Panel certified for **mechanical strength** for a load equal to 2.5 times its weight, according to EN 13964.
- **High sound-absorption coefficients**, especially at medium and high frequencies.
- Product with high content of **recycled materials**, and **recyclable** at the end of its life.
- **Fast, intuitive and simple installation** thanks to the special wings fixed on the perimeter frame
- Personalization by means of **HP Latex printing** in high definition on the fabric (border included).
- **Possible antibacterial and/or water-resistant versions** for the covering fabrics

FABRICS

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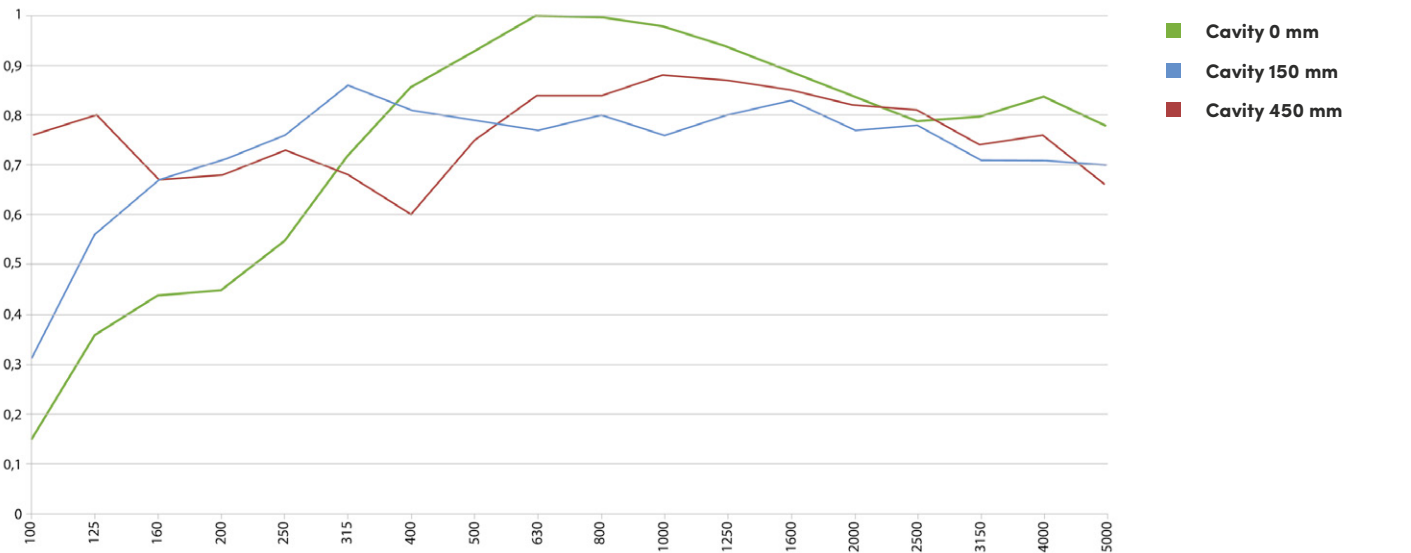


ROCCIA

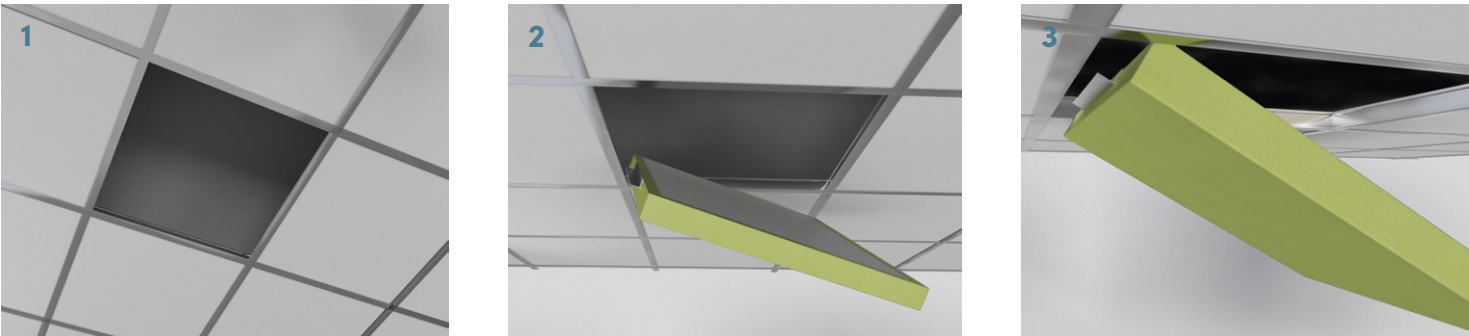


Further colors available in the relative Colour Charts of the fabrics.

CAVITY 0 mm		CAVITY 150 mm		CAVITY 450 mm	
FREQUENCY F (Hz)	SOUND-ABSORPTION COEFFICIENTS	FREQUENCY F (Hz)	SOUND-ABSORPTION COEFFICIENTS	FREQUENCY F (Hz)	SOUND-ABSORPTION COEFFICIENTS
100	0,15	100	0,31	100	0,76
125	0,36	125	0,56	125	0,80
160	0,44	160	0,67	160	0,67
200	0,45	200	0,71	200	0,68
250	0,55	250	0,76	250	0,73
315	0,72	315	0,86	315	0,68
400	0,86	400	0,81	400	0,60
500	0,93	500	0,79	500	0,75
630	1,00	630	0,77	630	0,84
800	1,00	800	0,80	800	0,84
1000	0,98	1000	0,76	1000	0,88
1250	0,94	1250	0,80	1250	0,87
1600	0,89	1600	0,83	1600	0,85
2000	0,84	2000	0,77	2000	0,82
2500	0,79	2500	0,78	2500	0,81
3150	0,80	3150	0,71	3150	0,74
4000	0,84	4000	0,71	4000	0,76
5000	0,78	5000	0,70	5000	0,66



INSTALLATION



Phonolook QUADRO PLUS sound-absorbing panels are ideally suited to be applied in substitution of the of removed elements of the existing false-ceiling, **improving the acoustic performance of the environment** in which they are installed. The panels are produced with special wings fixed on two opposite sides of the frame, guarantee of **speed and simplicity of installation**.