ARCHTRAP®

ABSORBENT PANEL

Image of 60x60cm model **Ref.:ARC060**.

DESCRIPTION

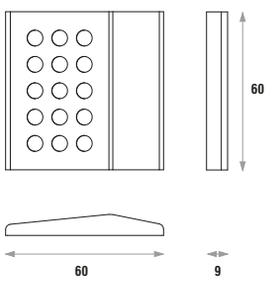
The ARCHTRAP® is a flat-shaped acoustic absorbent panel, made with birch plywood on a calculated absorbent box. This panel is meant to absorb mid-low range frequencies. Its shape is the same as the ATP® Snowsorb® and both can be used together to achieve numerous sound absorption solutions.

We can make several different aesthetic effects by rotating the panels 90º degrees and positioning them according to one's taste and to the room requirements.

As this panel is made of varnished birch plywood, it also provides some scattering diffusion. When using multiple pieces jointly, the angle of incidence never is too convergent which leads to a homogeneous sound scattering.

This piece is available in various wood finishings or regular colours, thus allowing an appropriate background for each space. The mounting process is rather easy by simply using the docking accessories' screws that are supplied.

TECHNICAL DRAWINGS



FEATURES

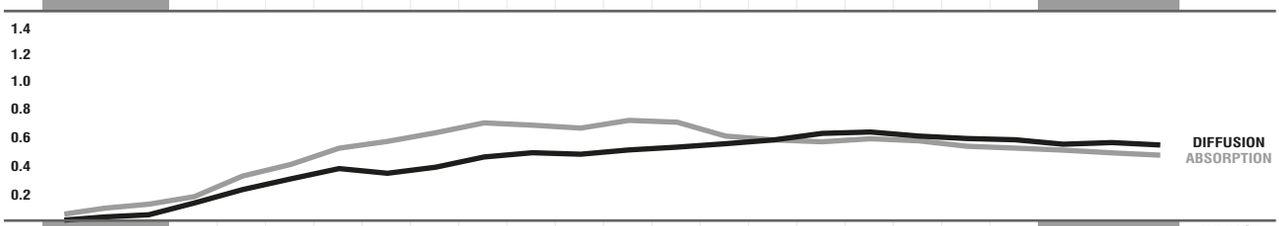
- Manufactured in birch plywood.
- NRC: **0.63/m²**.
- Average diffusion: **0.48/m²** [>100Hz;<5KHz].
- Fire-resistance: Euroclass B-s2,d0 (similar to old M1).
- Recyclable.
- Installation: accessories included.
- Several colours available.

MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
ARC060	60 cm	60 cm	9 cm	5 Kg

DIFFUSION - ABSORPTION COEFFICIENT

	0.01	0.03	0.05	0.15	0.23	0.30	0.38	0.37	0.39	0.46	0.49	0.48	0.50	0.51	0.54	0.59	0.61	0.62	0.60	0.59	0.58	0.55	0.56	0.55	0.48
αS	0.04	0.09	0.13	0.18	0.31	0.40	0.51	0.57	0.61	0.69	0.68	0.66	0.71	0.69	0.60	0.58	0.57	0.58	0.57	0.54	0.50	0.49	0.47	0.46	0.63



Hz	50	63	80	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k	3.15k	4k	5k	6.3k	8k	10k	AVERAGE NRC

ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654.

DIFFUSION COEFFICIENT: These values were obtained by mathematical calculations and tests carried out in our laboratory.

Values [<100Hz and > 5K] are Non Standard Values.

WOOD VENEER FINISHINGS

PINE | OAK | CHERRY | MAHOGANY | WENGE | BLACK-BROWN

IMPORTANT NOTICES

- JOCAVI® accepts no responsibility for any printing errors. Specifications can be modified without prior notice, if technical or commercial reasons so require.
- The colours shown on this catalogue are only a reference and an illustration of the products finishing. The colours shown are not binding because brightness, contrast and colour balance may vary due to the printing process.
- Colours may vary due to raw-material suppliers' changes and some differences may occur in tonal range.
- Due to its natural origin, wood-based products will always present natural imperfections inherent to the organic nature. And for similar reasons, they will also present traces of old-age in the course of time.
- Wood and Fabric products are highly susceptible to change its appearance with humidity and temperature. Close attention must be paid to the storage conditions and the acclimatization before, during and after the installation.
- Typical Indoor Comfort Standards state a temperature range of 20ºC - 27ºC (68ºF - 81ºF), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI® products' range.
- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.