



Image of 60x60cm model Ref.:CCK060 (on the left) and (ambient image).

DESCRIPTION

CORKoak® is a wooden diffusion panel resulting from a combination process of oak wood with cork, which is one of the options concerning JOCAVI™'s 2D diffusion panels.

The use of 2D diffuser panels is one of the classic standers in the construction of music rooms, being extremely efficient to control primary reflections and floating echoes, thus improving the balanced sound atmosphere in the room.

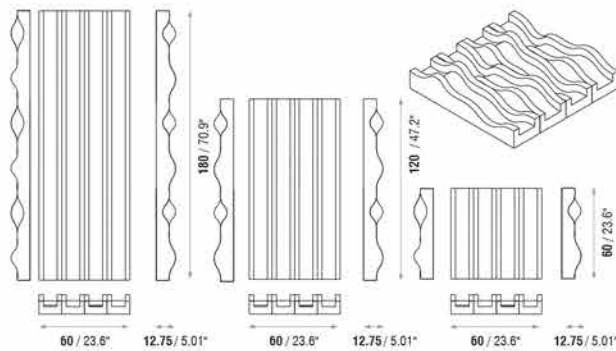
Due to the absorption properties of the cork applied to the low reliefs of this piece, it makes the diffusion curve and the absorption curve closer to each other, thus revealing some interesting absorption coefficients.

This panel is made of solid oakwood and cork with a finish of five different colors of natural varnish. The wood and cork's natural appearance stands out inside the rooms, providing this product a very attractive look, both acoustically and aesthetically.

FEATURES

- Manufactured with self-sustainable Oak wood and Cork
- Average diffusion: 0.59/m² (>500Hz; <5KHz)
- NRC: 0.30/m² (>250Hz; <10kHz)
- Finished with ecological varnishes
- 100% recyclable
- Installation: wall and ceilings accessories included
- Fire-resistance: B-s1, d0 (similar to old M3)
- 100% recyclable
- Package: 2 units

TECHNICAL DRAWINGS



MODELS AND SIZES

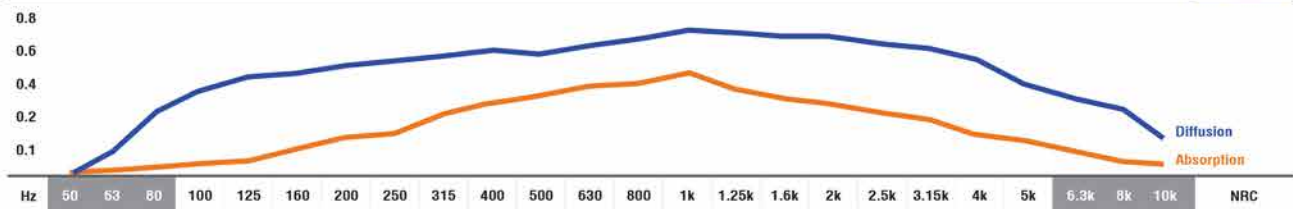
MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
CCK 180	180 cm (70.9 in)	60 cm (23.6 in)	12.75cm(5.01 in)	42 Kg (99.18 lbs)
CCK 120	120 cm (47.2 in)	60 cm (23.6 in)	12.75cm(5.01 in)	28 Kg (66.12 lbs)
CCK 060	60 cm (23.6 in)	60 cm (23.6 in)	12.75cm(5.01 in)	14 Kg (33.06 lbs)

STANDARD CORK COLOUR



ABSORPTION COEFFICIENT

αS	0.00	0.03	0.04	0.05	0.06	0.11	0.14	0.15	0.22	0.27	0.33	0.38	0.40	0.44	0.39	0.33	0.29	0.22	0.19	0.15	0.13	0.10	0.06	0.50	0.30
Avg	0.04	0.10	0.22	0.37	0.44	0.49	0.52	0.54	0.56	0.60	0.59	0.64	0.69	0.74	0.72	0.70	0.70	0.66	0.61	0.57	0.40	0.32	0.25	0.19	0.59



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

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

ENGINEERED COLOURED WOOD COLOURS



WOOD VENEER FINISHINGS



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 20°C - 27°C (68°F - 81°F), 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.