



# CONVEXABSORBER®

ABSORBENT PANEL

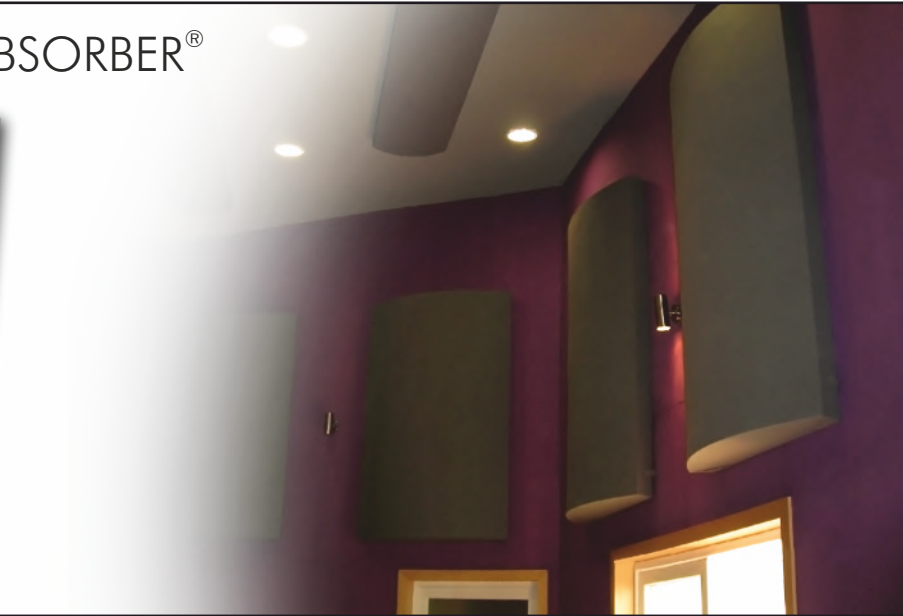


Image of 180x114cm model Ref.:CON180 (on the left) and 180x114cm models applied (ambient image).

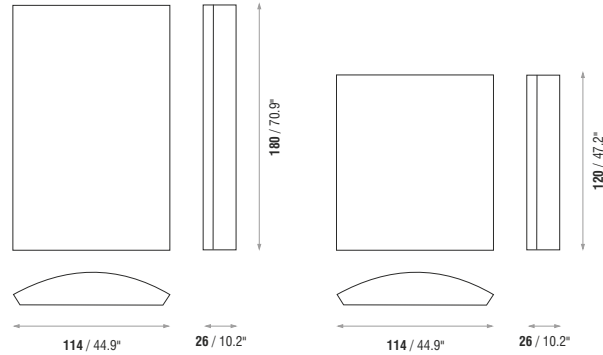
## DESCRIPTION

The CONVEXABSORBER® is an absorbent panel which is efficient at absorbing low and medium frequencies. It was designed to be installed on ceilings and walls. It is manufactured by combining two techniques: a box tuned to 200 Hz, which is efficient at low and mid-low frequencies, and a mathematically studied absorbent labyrinth, which provides this product with an excellent performance in absorbing sound. Given its characteristics, this panel balances reverberation times and echoes in large-sized rooms, auditoriums, etc.. Because of its large and convex shape, it also is a diffuser with a large dispersion surface. When the areas so require, these panels can be installed alternately at 90° angles, the dispersion thus being on two plans. The CONVEXABSORBER® panel was designed and tested in order to guarantee its high performance in controlling sound energy, by reducing resonances and reflections. It has a wide range of applications.

## FEATURES

- Uses 65% of recycled materials.
- NRC: **0.81/m²**.
- Fire-resistance: Euroclass B (similar to old M1).
- To apply in large rooms.
- Installation: accessories included.

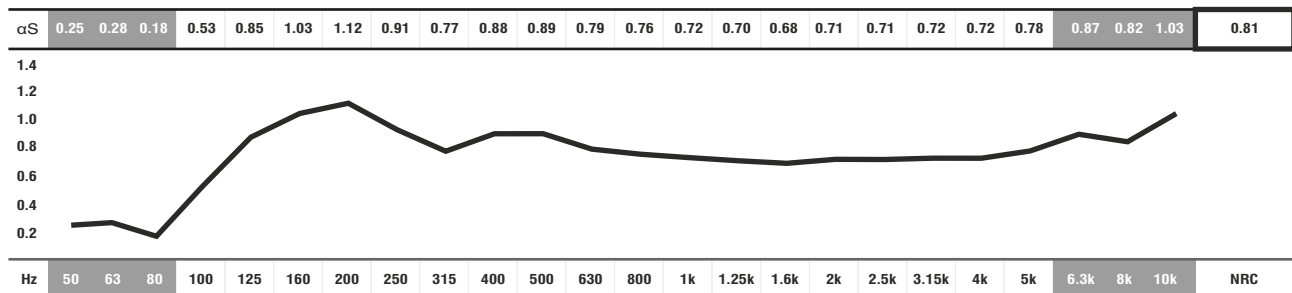
## TECHNICAL DRAWINGS



## MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
CON180	180 cm (70.9 in)	114 cm (44.9 in)	26 cm (10.2 in)	35.1 Kg (77.38 lbs)
CON120	120 cm (47.2 in)	114 cm (44.9 in)	26 cm (10.2 in)	23.4 Kg (51.59 lbs)

## ABSORPTION COEFFICIENT



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

■ Values [ $<100\text{Hz}$  and  $>5\text{K}$ ] are Non Standard Values.

## STANDARD FABRIC COLOURS



## IMPORTANT NOTICES

- JOCAVI® accepts no responsibility for any printing errors. Specifications can be modified without prior notice, if technical or commercial reasons so require.
- RAL® is an international independent colour standard system partner for industry, trade, architecture and design. Should be consulted before placing any order.
- 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.
- 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 (+/-3mm) due to their production method and some inherent raw-materials characteristics.

