



WATERCOT®

ABSORBENT PANEL - SUSPENDED AND WALL PANELS



WATERCOT® WAL
REF: WAW120

WATERCOT® BAF
REF: WAB120



WAB120



WAW120

Image of Watercot® models Ref.:WAW120 (on the left) and Ref.:WAB120 models. Watercot® WAL model (ambient image).

DESCRIPTION

This model comes in two versions: the WATERCOT®BAF, which is a suspension baffle for ceilings, and the WATERCOT®WAL, which is a covering material for walls and ceilings. The latter is provided with its own glue, a self-adhesive film, and it is very easily applied.

The WATERCOT® is manufactured with one component only, i.e., closed-cell polyethylene foam, whose cells are open by perforation at a later process during manufacture. The result is a very efficient material for acoustic treatment.

The several advantages of this product are its weight, price, durability and moisture resistance. When compared to other similar materials, i.e., polyester-foam and melamine-foam, this material has distinct advantages which allow its use in rather wet environments and outdoors, given its resistance to moisture and water.

One of the key features of this foam is actually its capacity to remain physically and acoustically unchanged when exposed to water and moisture.

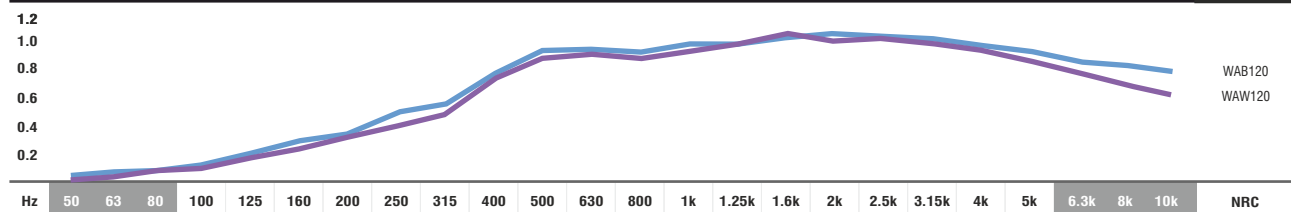
These two products, the WATERCOT®WAL and the WATERCOT®BAF, are yet another option of acoustic treatment provided by JOCAVI®, mainly when both moisture and fire resistance requirements are essential criteria. It is a mandatory tool for airborne noise control problems and a very low-cost solution.

FEATURES

- Raw material: PE Foam.
- Excellent acoustic properties NRC: (Watercot® WAL - 0.82/m²) and (Watercot® BAF - 0.86/m²).
- Flame resistance: Euroclass B (similar to old M1 France, B1 Class (DIN 4102), GB class1, V0/HF1 (UL94). Meets all fire policies required for the Building & Construction. No volatile mineral fibres.
- It withstands the direct contact with water and may be washed by water pressure.
- Water absorption: %Vol. (28d-95%HR) < 4 %vol. Density: 30kg/m³
- Low average weight that allows light fastening structures.
- Easy installation: **Self-adhesive Watercot® WAL and Watercot® BAF suspension panel.**

ABSORPTION COEFFICIENT

■ αS	0.04	0.07	0.09	0.12	0.21	0.30	0.35	0.49	0.56	0.77	0.93	0.94	0.92	0.97	0.97	1.02	1.06	1.04	1.01	0.96	0.91	0.85	0.81	0.79	0.86
■ αS	0.01	0.03	0.08	0.11	0.18	0.25	0.32	0.40	0.49	0.76	0.88	0.90	0.88	0.91	0.97	1.05	1.01	1.03	0.98	0.91	0.85	0.76	0.68	0.61	0.82



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

■ Watercot® BAF model: values obtained with one panel per m², suspended from the ceiling.

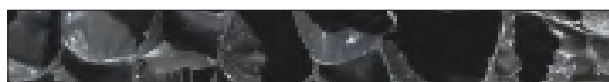
■ Watercot® WAL model: values obtained with one panel per m², with the product glued to a concrete wall.

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

STANDARD COLOURS



WHITE

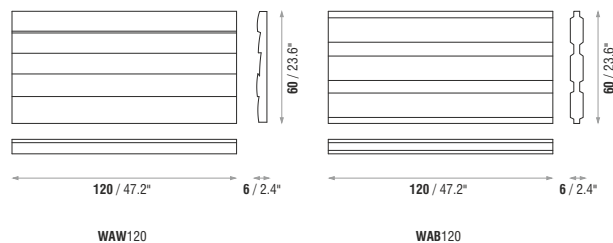


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IMPORTANT NOTICES

- 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.
- 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 slightly vary due to their production method and some inherent raw-materials characteristics.

TECHNICAL DRAWINGS



MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
■ WAW120	120 cm (47.2 in)	60 cm (23.6 in)	6 cm (2.4 in)	0.46 Kg (1.01 lbs)
■ WAB120	120 cm (47.2 in)	60 cm (23.6 in)	6 cm (2.4 in)	0.44 Kg (0.97 lbs)

