



BASMEL®
ABSORBENT PANEL

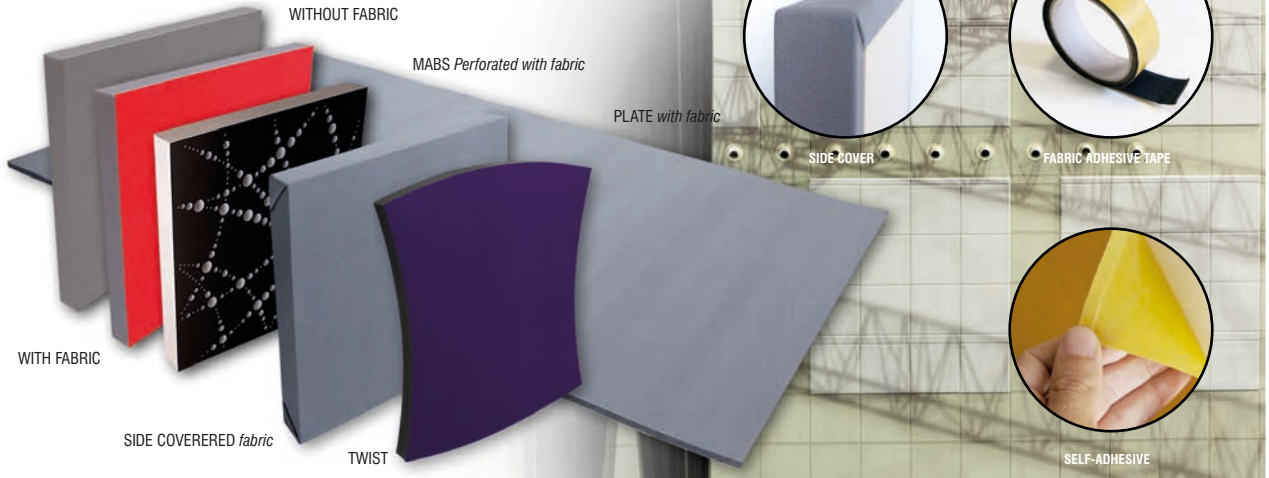


Image of 60x60cm models Ref.:BAL060 fabric (Red),Ref.:BAL060 and Ref.:BAM060 (perforated with black fabric), the new BAL060sc, the BAL200.4 (plate with fabric) and Ref.:BAL200.4 custom made applied (ambient image).

DESCRIPTION

BASMEL® is a low-cost acoustic panel set to be applied in large quantities on ceilings and walls. It's made of flexible open-cell melamine resin foam or of regular acoustic foam, a thermoset polymer and a fire-resistant fabric-finishing surface. The sound waves penetrate the open-cell structure, thus reducing the reflected energy and giving this product an excellent sound absorption capacity and simultaneously improving soundproofing, thereby providing safety in accordance with environmental standards.

There are several available options; one flat (BAL060/120), other one perforated MABS060 (with the same pattern of the COSMOS® model), BASMEL® SC (with more thickness and side covered with fabric - thus reducing the reflected energy and giving this product an excellent sound absorption capacity), BASMEL® Plates (with more coverage area) and the most recent, the BASMEL® Twist®. All these models have different possibilities (different foams, fabric colours, shapes, etc).

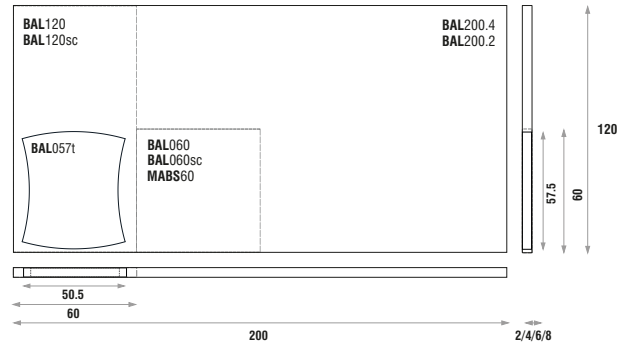
The BASMEL®'s acoustic and safety characteristics make this product ideal for use as a noise control and sound insulation device in buildings that have demanding requirements against fire. It improves acoustics and soundproofing, thereby providing safety in accordance with environmental standards.

Homes, meeting rooms, offices and hotel foyers can be acoustically upgraded just as effective and attractive by using this product. The installation method is very simple by using mounting glue or can be provided with self-adhesive on the back. To conceal the union between the panels, we also have, as an option, a roll of fabric adhesive tape (with 500x3cm) that can be applied.

FEATURES

- Raw material: Melamine Foam or Regular Acoustic Foam.
- NRC: **0.80/m²** (40mm), **0.54/m²** (20mm) and **0.90/m²** (80mm - SIDE COVER Panels).
- **MELAMINE FOAM** - Flame resistance: Euroclass B-s1,d0 (similar to old M1 France, Germany B1,GB class1, USA V0/HF1).
- **ACOUSTIC FOAM** - Flame resistance: Euroclass B-s3,d1 (similar to old M1).
- Minimum 4 units (SIDE COVER panels) and 8 units.
- Mounting glue and **FABRIC ADHESIVE FINISHING TAPE** sold separately.
- **SELF-ADHESIVE** option available on request.

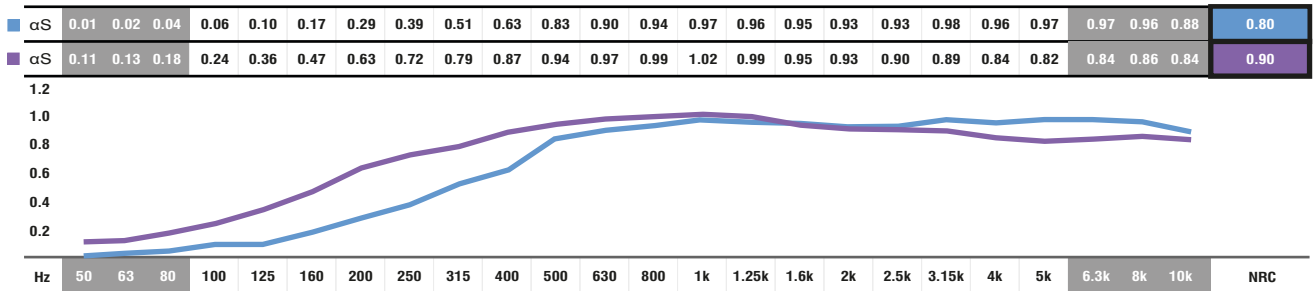
TECHNICAL DRAWINGS



MODELS AND SIZES

MODELS	RF Regular Foam	MF Melamine Foam	FRF Fabric RF	FMF Fabric MF	SA Self-Adhesive	SIZES (cm)	WEIGHT (Kg)
TWT057	X	X	X	X	X	57,5x50,5x4	0.30/0.22
BAL120	X	X	X	X	X	120x60x4	0.60/0.44
BAL060	X	X	X	X	X	60x60x4	0.30/0.22
BAL200.4	X	X	X	X	X	200x120x4	2.24/1.52
BAL200.2	X	X	X	X	X	200x120x2	1.48/0.76
BAL120sc				X	X	120x60x8	0.62/0.46
BAL060sc				X	X	60x60x8	0.31/0.23
MABS060	X	X	X	X	X	60x60x4cm	0.21

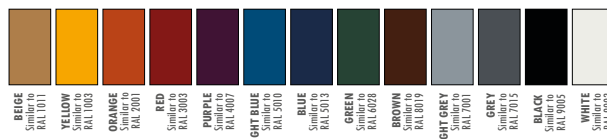
ABSORPTION COEFFICIENT



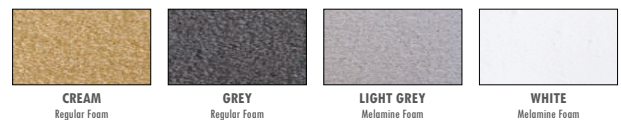
■ ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654.

■ Values (<100Hz and > 5K) are Non Standard Values.

STANDARD FABRIC COLOURS



REGULAR AND MELAMINE FOAM 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.
- 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.