SEAFOAM®
ABSORBENT PANEL

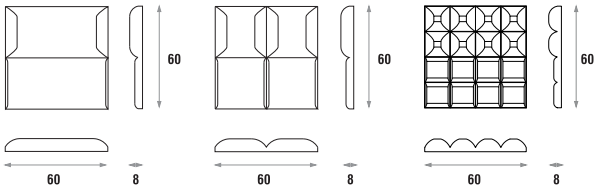
Image of 60x60cm models **Ref.:SF0260**, **Ref.:SF0460** and **Ref.:SF1660** (on the left) and **Ref.:SF0260** and **SF0460** applied (ambient image).

DESCRIPTION

The SEAFOAM® is made of a flexible open-cell foam from melamine resin, a thermoset polymer. This foam is characterised by its three-dimensional network structure which consists of easily shaped thin filaments. The sound waves penetrate the open-cell structure, thus reducing the reflected energy and giving this product an excellent sound absorption capacity.

Due to its low weight, the SEAFOAM® allows the creation of large-surface elements that seem to be free-floating, giving rooms an attractive appearance. The simple installation method does not require any additional structural or engineering calculations. Working areas which are exposed to high levels of noise, such as industrial areas, pavilions, among others, can be acoustically restored at a low cost, by reequipping them with these lightweight absorbers. We can make specific shapes and sizes for large projects upon demand. The SEAFOAM®'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.

TECHNICAL DRAWINGS



SF2060 **SF**4060 **SF**1660

FEATURES

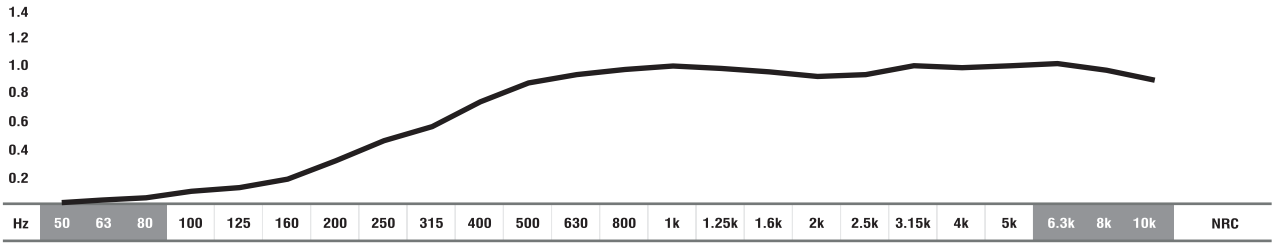
- NRC: **0.80/m²**.
- Raw material: melamine resin or standard acoustic foam.
- **MELAMIN RESIN** - Flame resistance: Germany B1, France M1, GB class1, USA V0/HF1.
- Good thermal insulation properties and humidity tolerance.
- Constant physical properties over a wide temperature range.
- Resistance to all organic solvents.
- **ACOUSTIC FOAM** - Self-extinguishable M1 fire-retardant foam.
- Package: 8 units.

MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
SF2060	60 cm	60 cm	8 cm	0.60 Kg
SF4060	60 cm	60 cm	8 cm	0.60 Kg
SF1660	60 cm	60 cm	8 cm	0.60 Kg

ABSORPTION COEFFICIENT*

αS	0.01	0.02	0.05	0.08	0.13	0.19	0.32	0.44	0.57	0.73	0.84	0.92	0.96	0.98	0.96	0.94	0.92	0.93	0.98	0.97	0.98	0.99	0.96	0.88	0.80
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	NRC

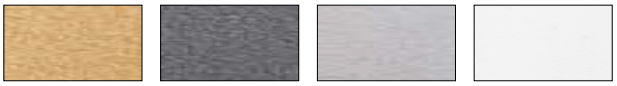


■ ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654.

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

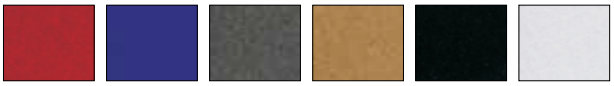
*PANEL DATA ONLY OF **REF.: SF0460 REGULAR FOAM.**

REGULAR AND MELAMINE FOAM COLOURS



CREAM Acoustic Foam FR 25 | **GREY** Acoustic Foam FR 25 | **LIGHT GREY** Melamin Foam BTEC G | **WHITE** Melamin Foam BTEC G

VELVETY COLOURS



RED | **BLUE** | **GREY** | **BEIGE** | **BLACK** | **WHITE**

IMPORTANT NOTICES

• Colour examples shown are only for reference. JOCAVI® cannot guarantee that the colours represented will exactly match the colours of the products shipped, due to the variances among different monitors and printers. Some colour variation may occur between production runs of Acoustic Foam products. Colour consistency in similar products is not guaranteed, some nuances can happen. Colour fading will occur with UV exposition over time.
• JOCAVI® products are fire retardant and/or self extinguishing to varying extents. Before purchasing any of our acoustic foam products, please check with your local fire marshal or building inspector for approval. We cannot guarantee that any product meets the specific building code regulations in your area/country as regulations widely vary from place to place. JOCAVI® will not be held liable for property damage or injuries caused by the misuse of our products.
• 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, several of our models can be customized upon previous consultation to info@jocavi.net. • Sizes may slightly vary due to their production method and some inherent raw-materials characteristics.
• Specifications can be modified without prior notice, if technical or commercial reasons so require.