

## SONFOAM ACOUSTIC FOAM PANELS

### Technical Characteristics

Foam panels manufactured by SONIC, S.A. are produced in Portugal and exported to all over the world in pre-designed packs or in panels manufactured specifically for each project with differentiated dimensions, taking into account minimum purchase quantities. Panels are manufactured with several thicknesses, and can be also produced in several colors with different densities from 20Kgm/3 up to 150Kgm/3. Most common use on studios to improve acoustic conditions. SONFOAM panels can be also applied as internal or external insulation of ducts, walls or ceilings of offices, restaurants, movie theaters and spaces with high reverberation.

The SONFOAM acoustic panels are manufactured primarily in open cell polyurethane foam not releasing any kind of volatile particles according to the VOC tests. Additionally can be added components on SONFOAM foams with the aim to make it more resistant to fire for more demanding cases. In extreme cases where it is intended a even higher fire resistance without losing acoustic characteristics we can manufacture these panels in melamine foam.

### Types of application

- ❖ Studios
- ❖ Test Rooms
- ❖ Cinemas
- ❖ Auditoriums
- ❖ Conference rooms
- ❖ Restaurants
- ❖ Ventilation ducts
- ❖ Offices
- ❖ Gyms
- ❖ Bars
- ❖ Discos
- ❖ Industry

### Description

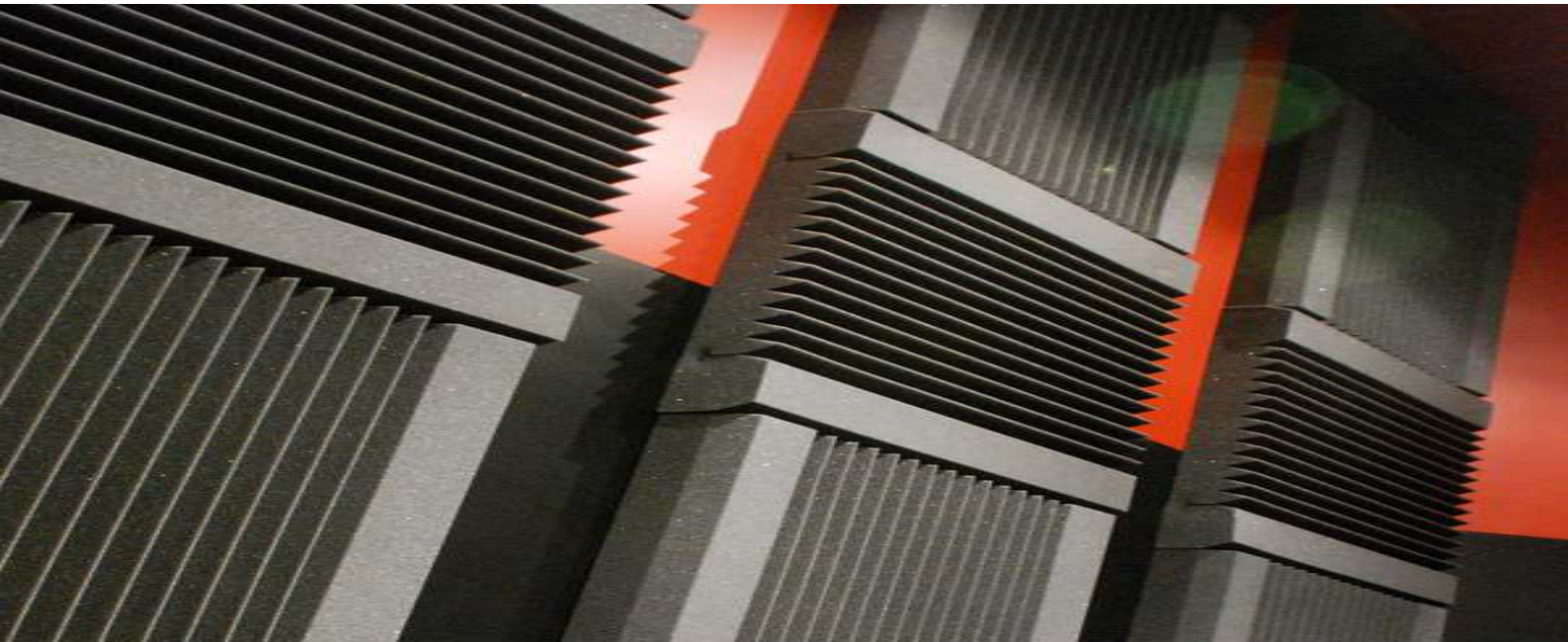
SONFOAM – CONF - COR-TYPE

CONF – Panel setting

COR – Panel color

TYPE - PUR (Fire retardant) / AGL (RECYCLED) BAS- Melamine





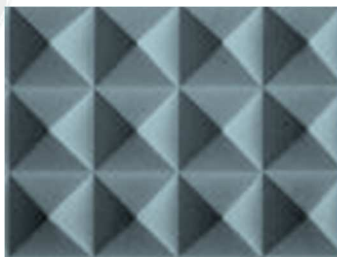
## MAIN PROFILES

Foam panels manufactured by SONIC, S.A., can have Standard settings but also specific settings designed for a particular purpose by a designer outside the company, or designed by SONIC department of innovation and development.

## STANDARD PROFILES

### ❖ SONFOAM PYRAMID (x.y.z.base)

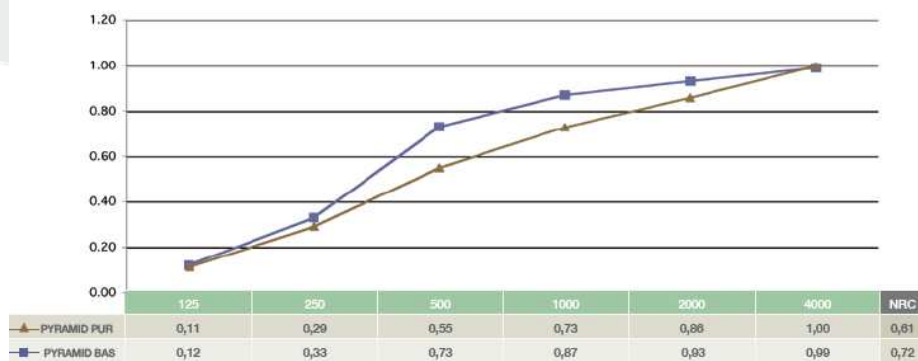
600x600x60x20 mm

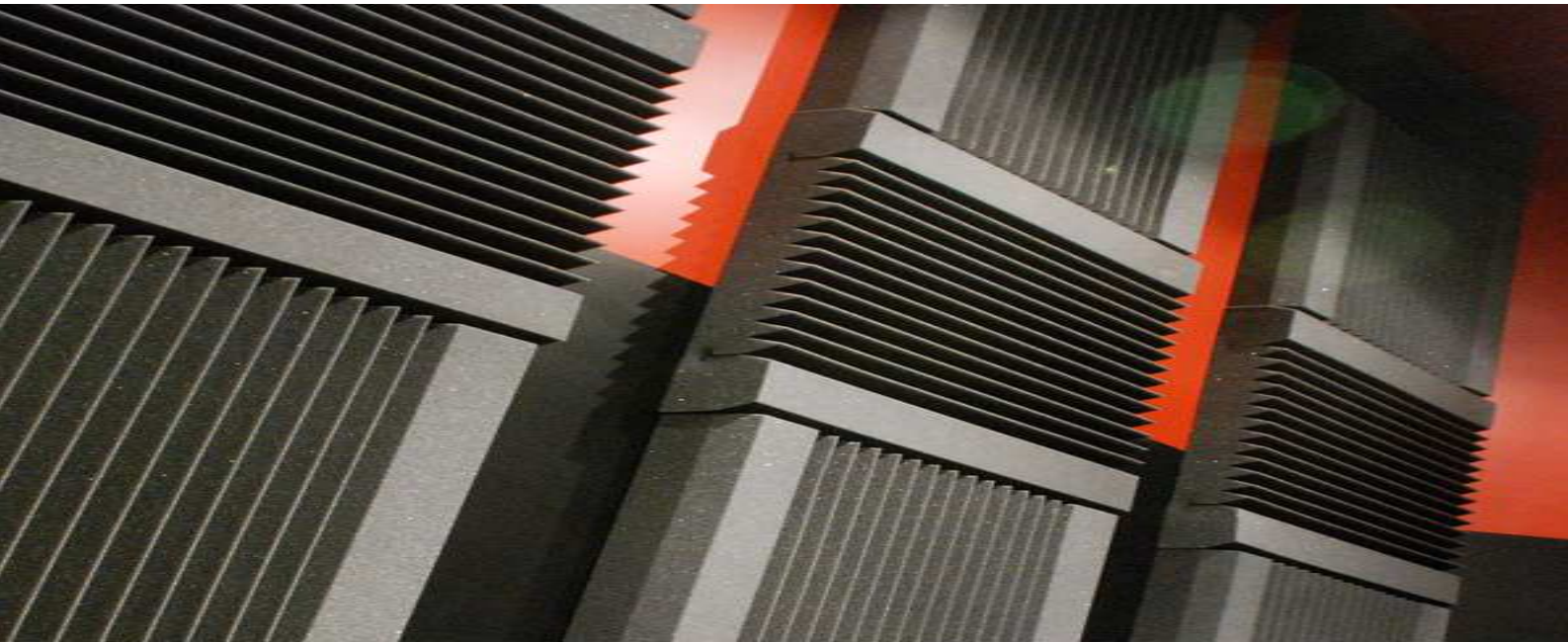


500x500x50x10 mm



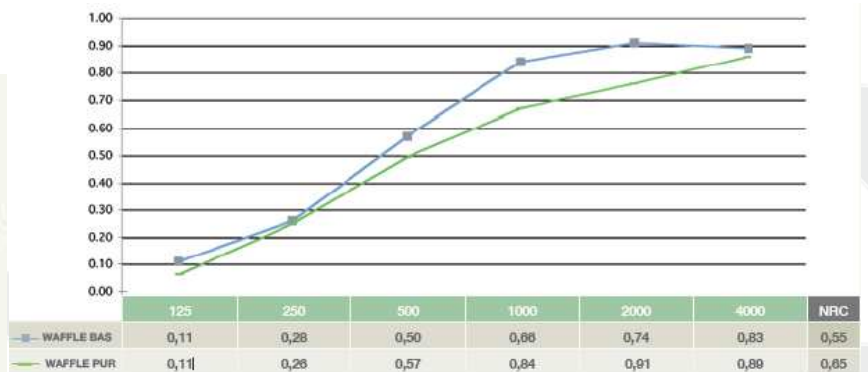
300x300x50x10 mm





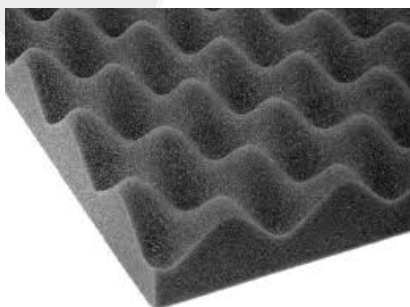
❖ **SONFOAM WAFFLE** (x.z.base)

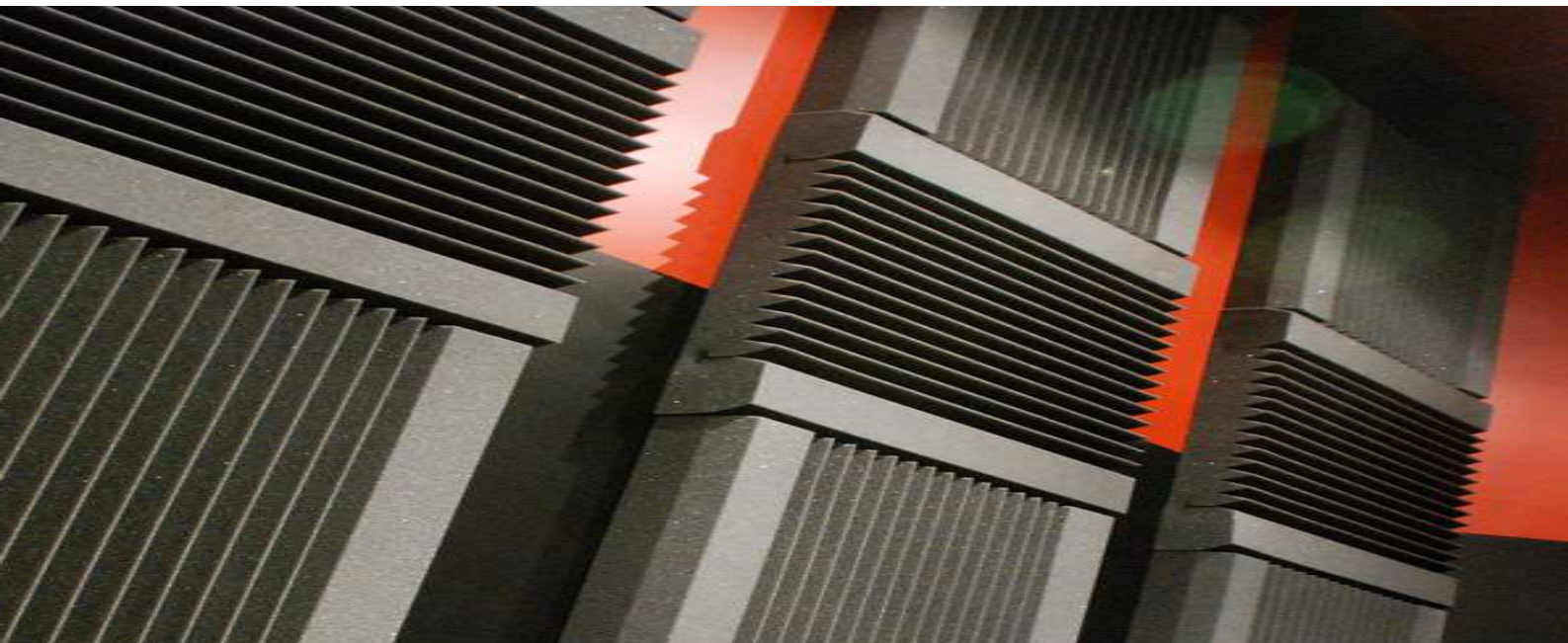
800x800x30 mm



❖ **SONFOAM WAVE** (x.z.base)

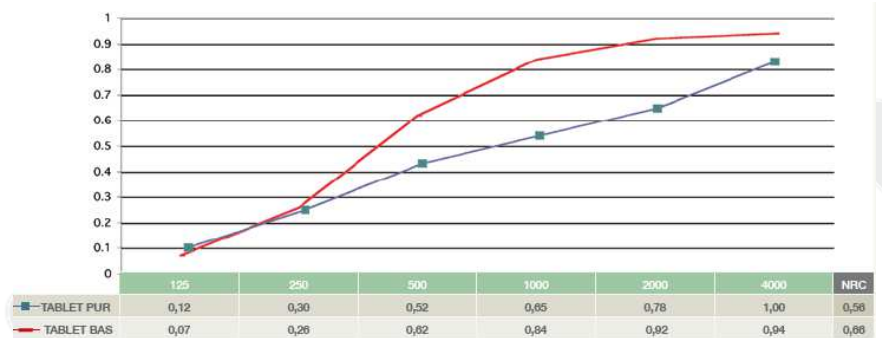
800x800x30 mm

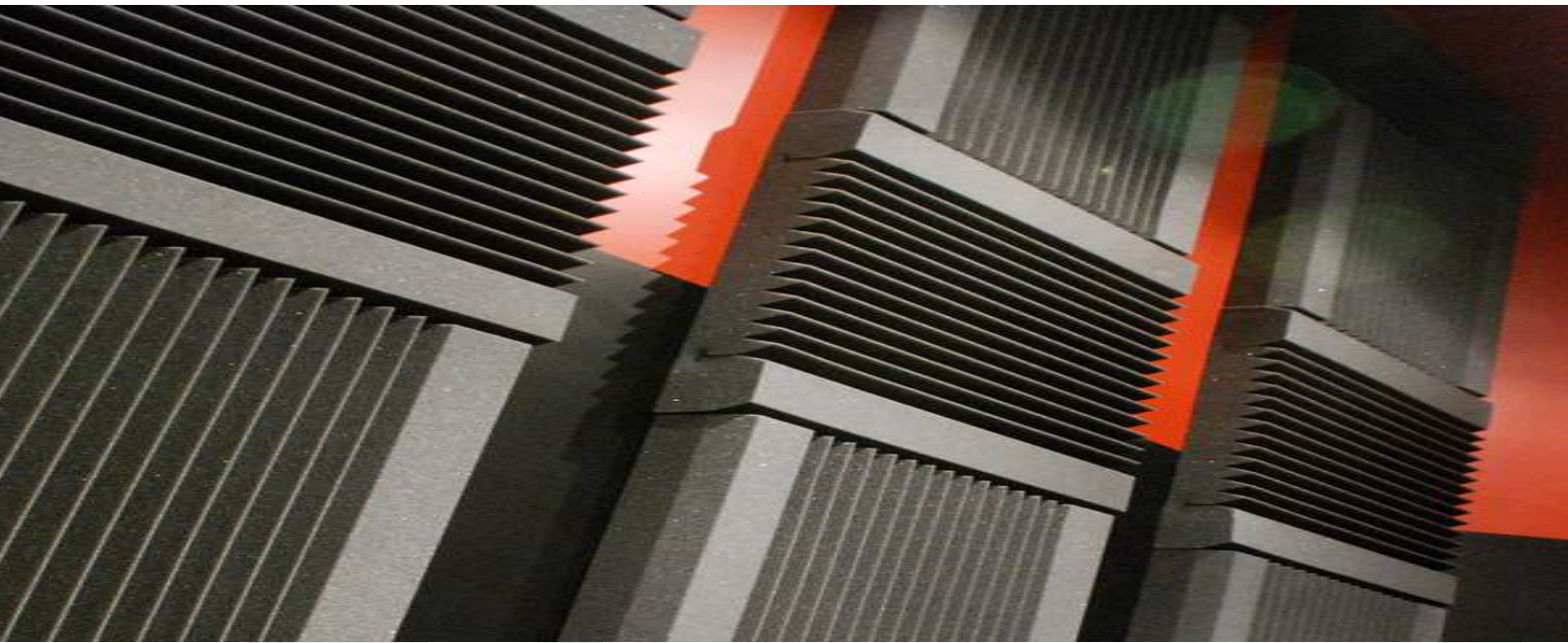




❖ **SONFOAM TABLET** (x.z.base)

800x800x30 mm



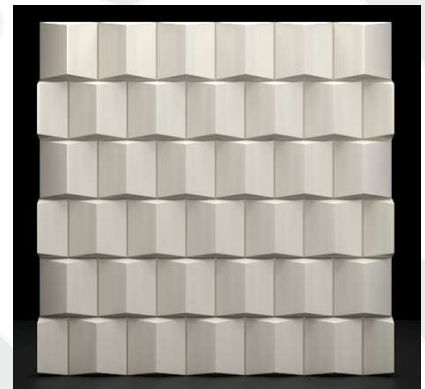


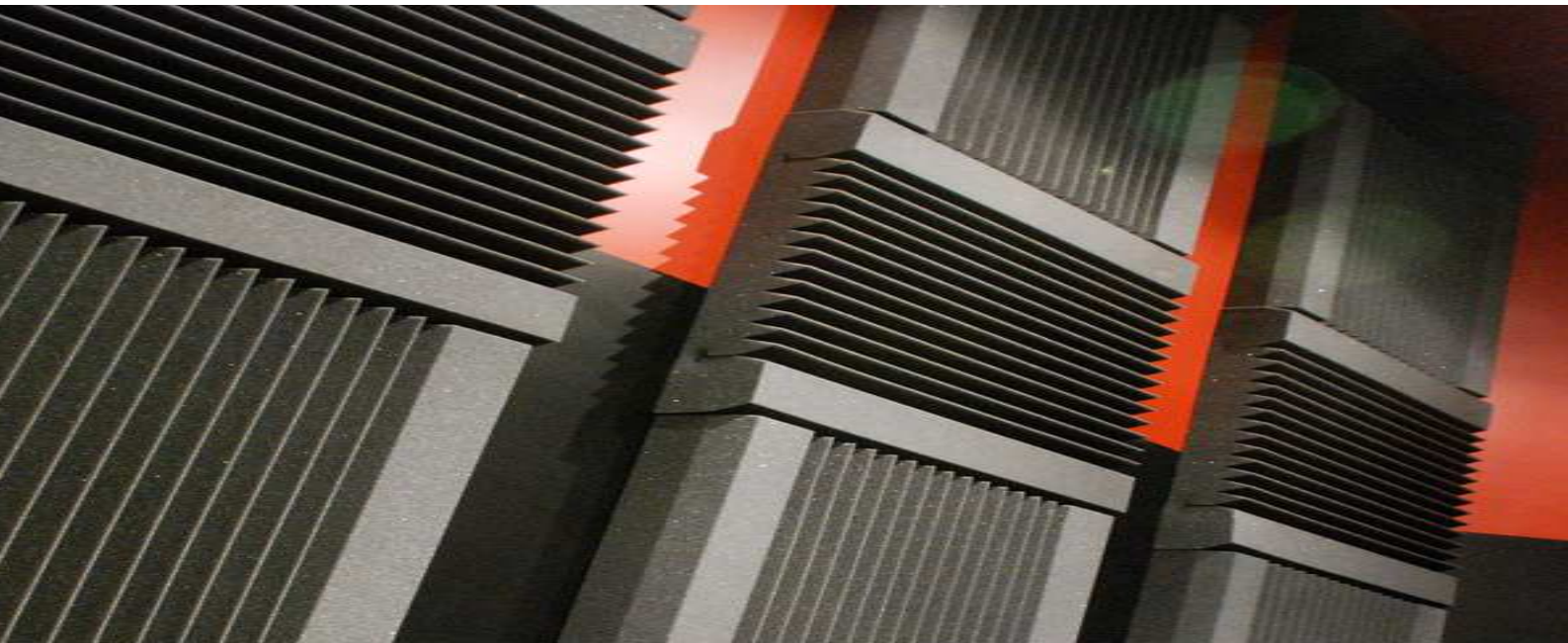
❖ **SPECIAL PROJECTS** (300x300x300)

30x60x10 mm



100x100x10 mm

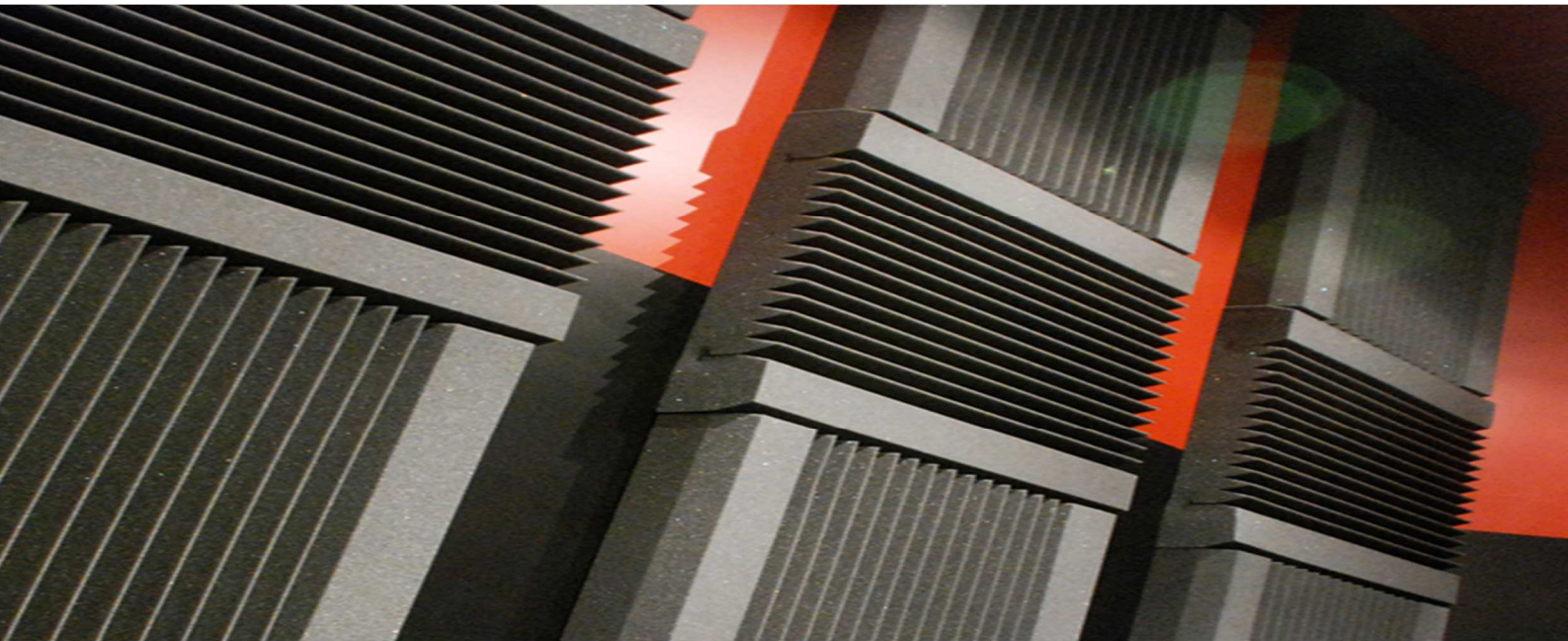




❖ **SONFOAM – Flat panels**

**Sound absorption coefficients**





❖ **SONFOAM – Cylinder**

Sound absorbers, cylindrical-shaped panels in melamine foam BAS with 20 mm or 60 mm thickness.



Dimensions – upon request

← BAS_e=20mm	0,05	0,20	0,40	0,85	0,85	0,00	0,53
← BAS_e=60mm	0,25	0,85	1,00	1,00	1,00	1,00	0,91

