

## Acoustic Foam – BLOCK

Acoustic panels are made of polyurethane foam with an open cell structure. Can Improve the acoustic conditions of any space ranging from public cinema halls, call centres through factories, rehearsal rooms, clubs, auditoriums, dubbing studios to residential areas.

Acoustic materials ensure a significant increase of sound absorption in the room. It will reduce the reverberation, absorb the reflected sound and thermally insulate the space.

### Shape and Dimensions:

Board with a flat backing  
Manufacturing dimensions 1000 x 1000mm  
Overall thickness 80mm – from which base is 60mm

### Density:

23 – 35 kg/m<sup>3</sup>

### Design and other properties:

Colour – dark grey - antracit  
Option of STANDARD or FIREPROOF  
Thermal resistance -40°C to +90°C, temporary up to 150°C

### Fire parameters – fire adjustments:

Meets the criteria of ČSN ISO 3795  
Flammability according to Council Directive 95/28/ES and standards of MVSS302. Will not exceed the limit of 100mm/min.  
Self-extinguishing

### Example of use:

Dampens the vibration and prevents the transmission of sound in building constructions.  
For sound absorption according to frequency characteristics



### Fitting:

- When cutting don't use resistance wire
  - For application of acoustic foams we recommend using
    - T-Rex GOLD SOUDAL
    - Universal contact adhesive SOUDAL
    - Soudabond EASY Gun SOUDAL – use as a cartouche into the pistol on the PU foam
    - Soudabond EASY SOUDAL – tubular
    - PU adhesive PRO 40P SOUDAL
    - PU adhesive PRO 45P SOUDAL
- Select a suitable material according to requirements for assembly and installation conditions. For more information, see [www.acousticmaterials.ie](http://www.acousticmaterials.ie)
  - Details for application of acoustic materials, see

### Maintenance:

Acoustic materials can be cleaned with a vacuum cleaner to remove dust, for heavily soiled panels use detergent solution in warm water.

Frekvenční charakteristika:

frekvence (Hz)	125	250	500	1000	2000	4000
pohltivost α	0,34	0,95	1,14	1	1,02	1,04



## Acoustic Foam – KATUS

Acoustic panels are made of polyurethane foam with an open cell structure. Can Improve the acoustic conditions of any space ranging from public cinema halls, call centres through factories, rehearsal rooms, clubs, auditoriums, dubbing studios to residential areas.

Acoustic materials ensure a significant increase of sound absorption in the room. It will reduce the reverberation, absorb the reflected sound and thermally insulate the space.

### Shape and Dimensions:

Board with a flat backing  
Manufacturing dimensions 1000 x 1000mm  
Overall thickness 80mm – from which base is 60mm

### Density:

23 – 35 kg/m<sup>3</sup>

### Design and other properties:

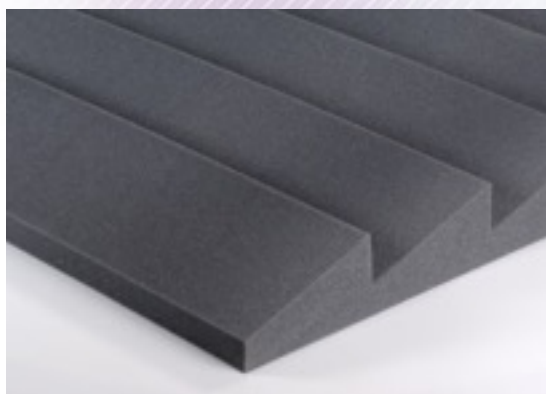
Colour – dark grey - antracit  
Option of STANDARD or FIREPROOF  
Thermal resistance -40°C to +90°C, temporary up to 150°C

### Fire parameters – fire adjustments:

Meets the criteria of ČSN ISO 3795  
Flammability according to Council Directive 95/28/ES and standards of MVSS302. Will not exceed the limit of 100mm/min.  
Self-extinguishing

### Example of use:

Dampens the vibration and prevents the transmission of sound in building constructions.  
For sound absorption according to frequency characteristics



### Fitting:

- When cutting don't use resistance wire
  - For application of acoustic foams we recommend using
    - T-Rex GOLD SOUDAL
    - Universal contact adhesive SOUDAL
    - Soudabond EASY Gun SOUDAL – use as a cartouche into the pistol on the PU foam
    - Soudabond EASY SOUDAL – tubular
    - PU adhesive PRO 40P SOUDAL
    - PU adhesive PRO 45P SOUDAL
- Select a suitable material according to requirements for assembly and installation conditions. For more information, see [www.acousticmaterials.ie](http://www.acousticmaterials.ie)
  - Details for application of acoustic materials, see

### Maintenance:

Acoustic materials can be cleaned with a vacuum cleaner to remove dust, for heavily soiled panels use detergent solution in warm water.

Frekvenci charakteristika:

frekvence (Hz)	125	250	500	1000	2000	4000	8000
$\alpha_w$ oct	0,15	0,14	0,69	0,54	0,53	0,58	0,57





## Acoustic Foam – Pyramids 7cm

Acoustic panels are made of polyurethane foam with an open cell structure. Can Improve the acoustic conditions of any space ranging from public cinema halls, call centres through factories, rehearsal rooms, clubs, auditoriums, dubbing studios to residential areas.

Acoustic materials ensure a significant increase of sound absorption in the room. It will reduce the reverberation, absorb the reflected sound and thermally insulate the space.

### Shape and Dimensions:

Board with a flat backing

Manufacturing dimensions 1000 x 1000mm

Overall thickness 70mm

### Density:

23 – 35 kg/m<sup>3</sup>

### Design and other properties:

Colour – dark grey - antracit

Option of STANDARD or FIREPROOF

Thermal resistance -40°C to +90°C, temporary up to 150°C

### Fire parameters – fire adjustments:

Meets the criteria of ČSN ISO 3795

Flammability according to Council Directive 95/28/ES and standards of MVSS302. Will not exceed the limit of 100mm/min.

Self-extinguishing

### Example of use:

Dampens the vibration and prevents the transmission of sound in building constructions.

For sound absorption according to frequency characteristics



### Fitting:

- When cutting don't use resistance wire
  - For application of acoustic foams we recommend using
    - T-Rex GOLD Soudal
    - Universal contact adhesive Soudal
    - Soudabond EASY Gun Soudal – use as a cartouche into the pistol on the PU foam
    - Soudabond EASY Soudal – tubular
    - PU adhesive PRO 40P Soudal
    - PU adhesive PRO 45P Soudal
- Select a suitable material according to requirements for assembly and installation conditions. For more information, see [www.acousticmaterials.ie](http://www.acousticmaterials.ie)
  - Details for application of acoustic materials, see

### Maintenance:

Acoustic materials can be cleaned with a vacuum cleaner to remove dust, for heavily soiled panels use detergent solution in warm water.

Frekvenci charakteristika:

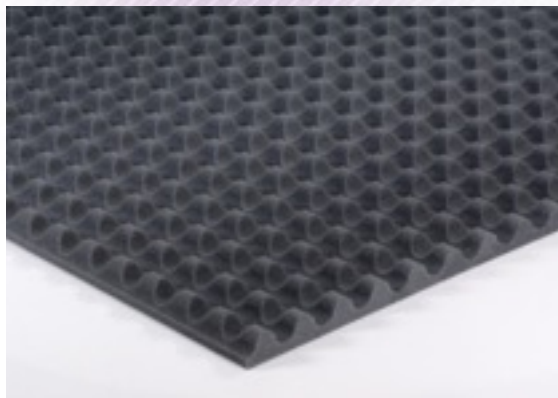
frekvence (Hz)	125	250	500	1000	2000	4000
$\alpha_{0, \text{ oct}}$	0,17	0,54	0,75	0,85	1	0,98



## Acoustic Foam – SINUS 3cm

Acoustic panels are made of polyurethane foam with an open cell structure. Can Improve the acoustic conditions of any space ranging from public cinema halls, call centres through factories, rehearsal rooms, clubs, auditoriums, dubbing studios to residential areas.

Acoustic materials ensure a significant increase of sound absorption in the room. It will reduce the reverberation , absorb the reflected sound and thermally insulate the space.



### Shape and Dimensions:

Board with a flat backing  
Manufacturing dimensions 1000 x 1000mm  
Overall thickness 30mm

### Density:

23 – 35 kg/m<sup>3</sup>

### Design and other properties:

Colour – dark grey - antracit  
Option of STANDARD or FIREPROOF  
Thermal resistance -40°C to +90°C, temporary up to 150°C

### Fire parameters – fire adjustments:

Meets the criteria of ČSN ISO 3795  
Flammability according to Council Directive 95/28/ES and standards of MVSS302. Will not exceed the limit of 100mm/min.  
Self-extinguishing

### Example of use:

Dampens the vibration and prevents the transmission of sound in building constructions.  
For sound absorption according to frequency characteristics

### Fitting:

- When cutting don't use resistance wire
  - For application of acoustic foams we recommend using
    - T-Rex GOLD Soudal
    - Universal contact adhesive Soudal
    - Soudabond EASY Gun Soudal – use as a cartouche into the pistol on the PU foam
    - Soudabond EASY Soudal – tubular
    - PU adhesive PRO 40P Soudal
    - PU adhesive PRO 45P Soudal
- Select a suitable material according to requirements for assembly and installation conditions. For more information, see [www.acousticmaterials.ie](http://www.acousticmaterials.ie)
  - Details for application of acoustic materials, see

### Maintenance:

Acoustic materials can be cleaned with a vacuum cleaner to remove dust, for heavily soiled panels use detergent solution in warm water.

Frekvenční charakteristika:

frekvence (Hz)	125	250	500	1000	2000	4000	8000
$\alpha_1$ oct	0,09	0,06	0,38	0,50	0,40	0,51	0,52

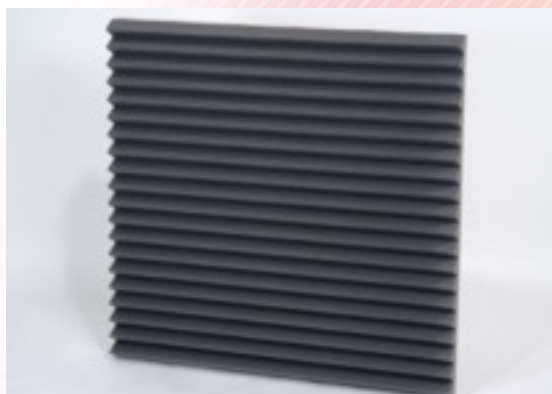




## Acoustic Foam – V PROFILE

Acoustic panels are made of polyurethane foam with open cell structure. Can Improve the acoustic conditions of any space, ranging from public cinema halls, call centres, factories, rehearsal rooms, clubs, auditoriums, dubbing studios to residential areas.

Acoustic materials ensure a significant increase of sound absorption in the room. It will reduce the reverberation, absorb the reflected sound and thermally insulate the space.



### Shape and Dimensions:

Board with a flat backing  
Manufacturing dimensions 1000 x 1000mm  
Overall thickness 70mm – from which base is 20mm

### Density:

23 – 35 kg/m<sup>3</sup>

### Design and other properties:

Colour – dark grey - antracit  
Option of STANDARD or FIREPROOF  
Thermal resistance -40°C to +90°C, temporary up to 150°C

### Fire parameters – fire adjustments:

Meets the criteria of ČSN ISO 3795  
Flammability according to Council Directive 95/28/ES and standards of MVSS302. Will not exceed the limit of 100mm/min.  
Self-extinguishing

### Example of use:

Dampens the vibration and prevents the transmission of sound in building constructions.  
For sound absorption according to frequency characteristics

### Fitting:

- When cutting don't use resistance wire
  - For application of acoustic foams we recommend using
    - T-Rex GOLD Soudal
    - Universal contact adhesive Soudal
    - Soudabond EASY Gun Soudal – use as a cartouche into the pistol on the PU foam
    - Soudabond EASY Soudal – tubular
    - PU adhesive PRO 40P Soudal
    - PU adhesive PRO 45P Soudal
- Select a suitable material according to requirements for assembly and installation conditions. For more information, see [www.acousticmaterials.ie](http://www.acousticmaterials.ie)
  - Details for application of acoustic materials, see

### Maintenance:

Acoustic materials can be cleaned with a vacuum cleaner to remove dust, for heavily soiled panels use detergent solution in warm water.

Frekvenci charakteristika:

frekvence (Hz)	125	250	500	1000	2000	4000	8000
$\alpha_0$ oct	0.09	0.06	0.38	0.5	0.4	0.51	0.52



## Acoustic Foam – Waves 2,5 cm

Acoustic panels are made of polyurethane foam with an open cell structure. Can Improve the acoustic conditions of any space ranging from public cinema halls, call centres through factories, rehearsal rooms, clubs, auditoriums, dubbing studios to residential areas.

Acoustic materials ensure a significant increase of sound absorption in the room. It will reduce the reverberation , absorb the reflected sound and thermally insulate the space.



### Shape and Dimensions:

Board with a flat backing  
Manufacturing dimensions 1000 x 1000mm  
Overall thickness 25mm – from which waves 15mm, base 10mm

### Density:

23 – 35 kg/m<sup>3</sup>

### Design and other properties:

Colour – dark grey - antracit  
Option of STANDARD or FIREPROOF  
Thermal resistance -40°C to +90°C, temporary up to 150°C

### Fire parameters – fire adjustments:

Meets the criteria of ČSN ISO 3795  
Flammability according to Council Directive 95/28/ES and standards of MVSS302. Will not exceed the limit of 100mm/min.  
Self-extinguishing

### Example of use:

Dampens the vibration and prevents the transmission of sound in building constructions.  
For sound absorption according to frequency characteristics

### Fitting:

- When cutting don't use resistance wire
  - For application of acoustic foams we recommend using
  - T-Rex GOLD Soudal
  - Universal contact adhesive Soudal
  - Soudabond EASY Gun Soudal – use as a cartouche into the pistol on the PU foam
  - Soudabond EASY Soudal – tubular
  - PU adhesive PRO 40P Soudal
  - PU adhesive PRO 45P Soudal
- Select a suitable material according to requirements for assembly and installation conditions. For more information, see [www.acousticmaterials.ie](http://www.acousticmaterials.ie)

### Maintenance:

Acoustic materials can be cleaned with a vacuum cleaner to remove dust, for heavily soiled panels use detergent solution in warm water.

Frekvenční charakteristika:

Frekvence (Hz)	125	250	500	1000	2000	4000	8000
a <sub>1</sub> oct	0,08	0,05	0,22	0,5	0,39	0,44	0,51

