

# B6 Gruppen

A world of polymeric opportunities



Our goal is to be your preferred partner within converted polymer solutions.

- Acoustic materials
- Vibration damping
- Thermal insulation
- Technical solutions
- Packaging foams
- And much more...

**AAA**<sup>®</sup>  
B6 Akustik A/S



Noise reduction | Sound proofing | Vibration damping | Thermal insulation | Technical applications

- » Vertical cutting
- » Water jet cutting
- » Contour cutting
- » Thermo forming
- » Horizontal cutting
- » Foil- and adhesive lamination
- » Die cutting
- » 3D Cutting



ISO 9001 & ISO 14001





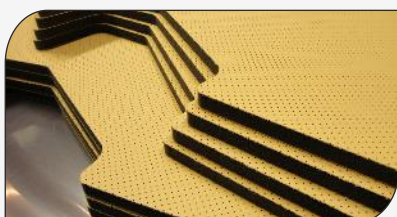
Industrial noise control

## Basic material lines



### PUR sheets

Polyurethane foam. Density range from 18 - 55 kg/m<sup>3</sup>.



### Customized sheets with foil

Water jet cut items.  
Acoustic sheets with foil and adhesive.



### Adhesive tape lamination

High tack, water resistant, High temp.



### COMPREX

Regenerated PUR foam (Bonded foam)  
1000 x 2000 mm



### Foam with profiles

Acoustic sound absorption



### Rubber parts

EPDM, Neoprene, Natural rubber, etc.



### Mineral wool

Acoustic sheets | Thermal applications  
600 x 1200 mm



### 3D shaped EPS foam

3D shaped EPS items | Packaging |  
Thermal insulation



### PE foam

Thermal Insulation | Packaging





## About B6 Akustik

**Do you need the absolute best acoustic noise reduction? Or a very effective vibration damping solution? Perhaps even combined with a waterproof thermal insulation?**

With our wide international experience within sound and polymer comfort, B6 Akustik is able to fulfil all of your needs in polymer materials.

Our wide product range of insulation systems is designed for many different applications and purposes and for miscellaneous industries.

B6 Akustik makes technical polymer comfort, within Acoustic and Thermal solutions to more than twenty industrial branches.



B6 Akustik A/S | Denmark



Marine



Cabins



Industry



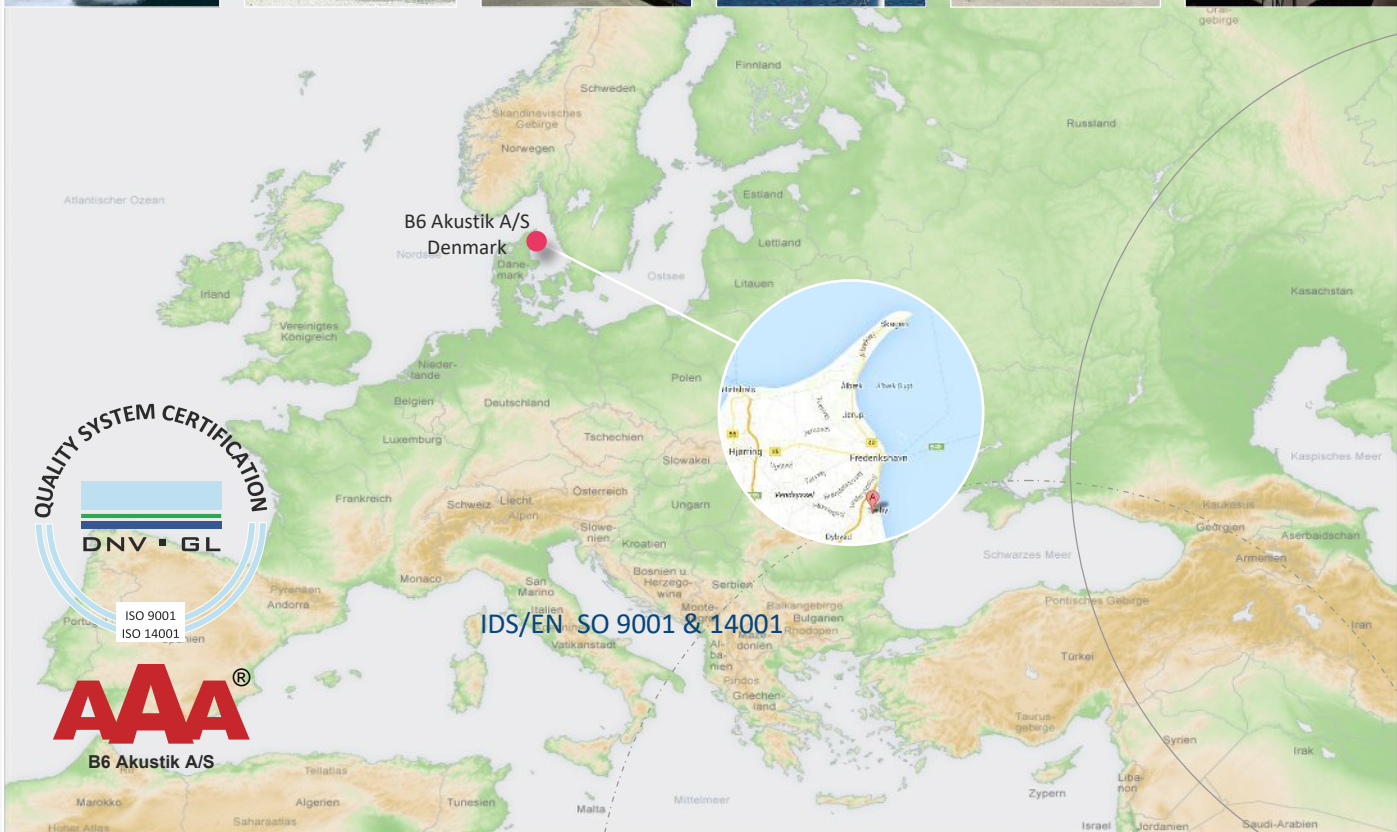
Wind Power



Camping



Office

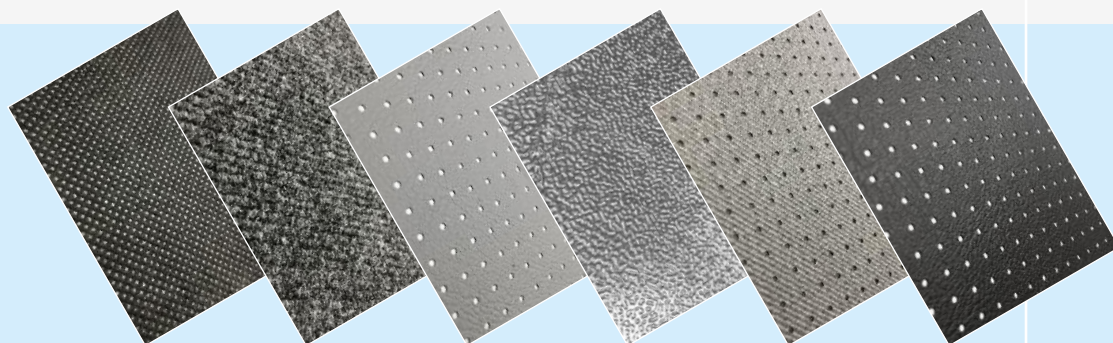




## Surfaces

### Choose the right surface (foil) - suitable for your thoughts

There are different demands to what you want to signal with the appearance of your sound insulation materials. Typically the distinction is made between a textile, PES aluminium film, PU-film or a PVC-film.



Standard PVC, PU, PES and ALU surfaces etc..

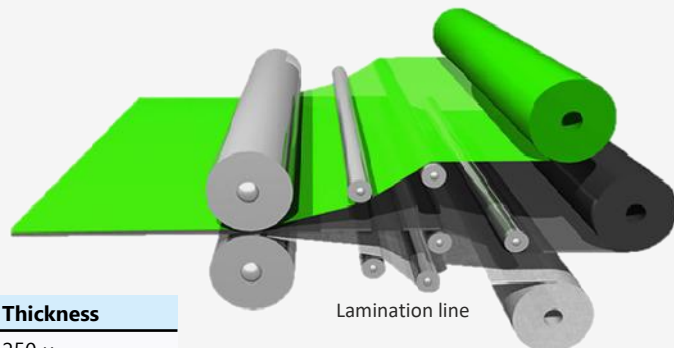
At B6 Akustik, we carry a range of standard surfaces on stock. If you want a very special and unique surface, you are welcome to contact one of our consultants to have a dialogue about the possibilities.



Cabin noise control

## Surface codes (lamination)

Find the right surface (foil) code.



Lamination line

Surface code	Decription / Colour	Thickness
0152/02	Charcoal grey, Canvas look, PVC, 2% perf.	250 µ
7202/02	Light grey, Leather look, PVC, 2% perf.	250 µ
7173/02	Charcoal grey, Leather look, PVC, 2% perf.	250 µ
6312/02	Cognac, Leather look, PVC, 2% perf.	250 µ
6659/02	Beige, Leather look, PVC, 2% perf.	250 µ
8011/02	Black, Leather look, PVC, 2% perf.	250 µ
8011/25	Black, Leather look, PVC, 25% perf.	250 µ
677	White, Leather look, PVC, 25% perf.	250 µ
8011	Black, Leather look, PVC.	250 µ
PU White	White film, plain, PU	20 µ
PU Gray	Grey film, plain, PU	20 µ
PU Black	Black film, plain, PU	20 µ
ALU	Alu film, plain, Metalized PES	12 µ
ALU	Embossed, Rough, Grain	100 µ
TE - Loop grey	Textile, w/ airflow   Light Greu	2-3 mm
TE - Crown	Textile, w/ airflow   Dark Grey	2-3 mm



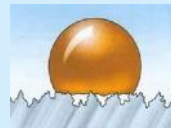
ISO 9001 & ISO 14001

## Adhesive

Be sure that you choose the right adhesive (tape) for your material.



When applying foam sheets with adhesive tape, you need to focus on applicant surface tension (best > 38 dyn)



The adhesive has a higher surface tension than the surface, which has to be glued.

This will result in a bad tack on the surface. The opposite, where the glue



has the lowest tension and floats out on the surface.

This will result in a positive tack on the surface.

### Surface tension

If the application surface has a low surface tension (dyn/cm), it can be very difficult for the adhesives to fasten correct. In that case you need a very aggressive adhesive

### Things to remember before mounting the adhesive!

Always ensure a 100% clean surface e.g. by washing with suitable detergents. Grind the surface lightly with sandpaper before use of adhesive (ensure a higher surface tension).

## Adhesive types

Decription	MK	MK2	MK5	MK8	MK9	MK12	MK13	MK14
Construction:	Two layer	Two layer	One layer	One layer (scrim)	Two layer	One layer	One layer (scrim)	Two layer
Best for:	All round, slow tack	Rubber, water resistance, easy remove	All round, quick tack	Bonding, strength (scrim)	All round, two diff. layer	Strong, water resistance	Strong, bonding (scrim)	Strong, no migration, Temperature
Adhesive type:	Water based Acrylic	UV cured Acrylic	Water based Acrylic	Water based Acrylic	Water based Acrylic	UV cured Acrylic	Water based Acrylic	Water based Acrylic (pvc)
Carrier:	Tissue	PET film	Non/transfer	Scrim PET	Tissue	Non/transfer	Scrim PET	Tissue
Liner:	Silicone paper	PE film	Silicone Paper	PO film	Silicone paper	PE coat paper	Paper / film	Silicone paper
Liner colour:	Yellow	White	Yellow	White	Yellow	White	Yellow/white	Yellow
Adhesive Weight:	45/45 g m <sup>2</sup>	47/47g m <sup>2</sup>	70 g m <sup>2</sup>	80 g m <sup>2</sup>	65/45 g m <sup>2</sup>	80 g m <sup>2</sup>	240 g m <sup>2</sup>	75/75 g m <sup>2</sup>
Tack:	Moderate	Good	Good	Good	Good	<b>Aggressive</b>	<b>Aggressive</b>	<b>Aggressive</b>
Adhesion:	Good	Good	Good	Good	Good	<b>Aggressive</b>	<b>Aggressive</b>	<b>Aggressive</b>
Adhesion on steel (25 mm):	16N	20N / 11N	21N	18N	21N	28N	30N	30N
Temperature (usage):	-40°/+100°C	-40°/+70°C	-40°/+95°C	-40°/+90°C	-40°/+90°C	-40°/+100°C	-40°/100°C	-40°/+140°C
Resistant against Water:	No	<b>Yes</b>	No	No	No	<b>Yes</b>	No	No
Ageing resistance:	Good	<b>Very good</b>	Good	Good	Good	<b>Very good</b>	Good	Good
UV resistance:	Medium	<b>Very good</b>	Medium	Medium	Medium	<b>Very good</b>	Medium	Medium
Migration resistance:	No	<b>Yes</b>	No	No	No	No	No	<b>Yes</b>
Resistant against moisture:	Medium	<b>Yes</b>	Medium	Medium	Medium	<b>Yes</b>	Medium	Medium
Application temp (min.):	+10°	+15°	+10°	+10°	+10°	+5°	+10°	+15°
Storage temperature	Min. 15°C	Min. 15°C	Min. 15°C	Min. 15°C	Min. 15°C	Min. 15°C	Min. 15°C	Min. 15°C





## MARINE ACOUSTICS

Strong choices of acoustic materials



### MOTOR (ENGINE) SOUND INSULATION (ISOFLOCK ®)

TYPE: AL-40-MK-RE100X

Regenerated foam with a density of 100 kg/m<sup>3</sup>.

This sound insulation foam is mainly used for Engine rooms, or in other technical applications. The product is flame retardant and covered with an heat reflecting aluminium film and a adhesive tape on the back side.

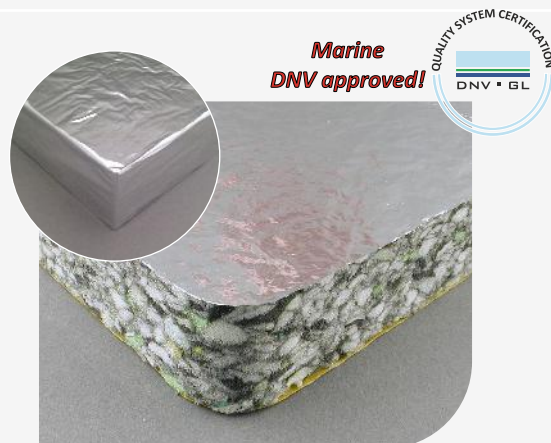
Edge sealing with aluminum foil can be provided.

Approved by "Det Norske Veritas" ISO 9094-1 and ISO 9094-2.

Density: 100 Kg / m<sup>3</sup>

Material size: Max 1000 x 2000 mm (10, 20, 30, 40, 50 mm thickness..)

Fire characteristics: DNV ISO 9094-1 and ISO 9094-2 | ISO 4589-3 | FMVSS 302



### MOTOR SOUND INSULATION (ISOBOAT ®) – for the low frequencies

TYPE: B6-ISOBOAT

Fire resistant PU foam with a heavy foil in the middle and an aluminium foil on the top. It is used for maritime Engine compartment, as noise reduction material. Besides being fire resistant it comes with a strong heat reflecting aluminium film and a strong adhesive on the back side.

Edge sealing can be provided.

Approved by "Det Norske Veritas" ISO 9094-1 and ISO 9094-2.

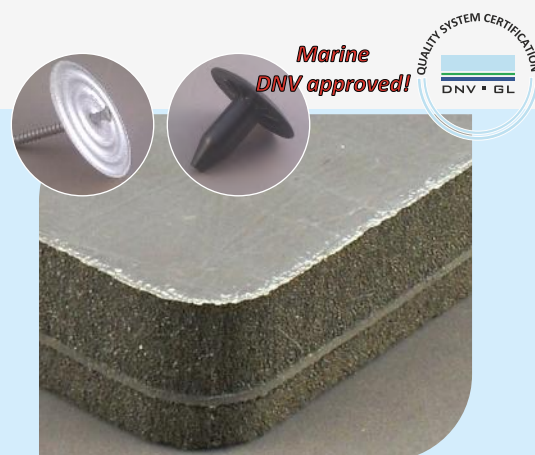
Approved according to ISO 4589-3 and fire resistant according to the US norm FMVSS-302

Density: 7,5 - 8,5 kg/m<sup>2</sup>

Material size: 600x1000 mm | 1200x1000 mm | 1200x1500 mm (untrimmed)

Thickness: 33 mm

Fire characteristics: DNV ISO 9094-1 and ISO 9094-2. | ISO 4589-3 | FMVSS 302



### STRATOCELL WHISPER (PE, sound absorber)

TYPE: WHISPER | BLACK or WHITE

Whisper is mainly used as sound absorption in Engine rooms, Generators, Ventilators, Turbines, Pumps, Compressors and other noisy machines. The material is washable (high pressure washed).

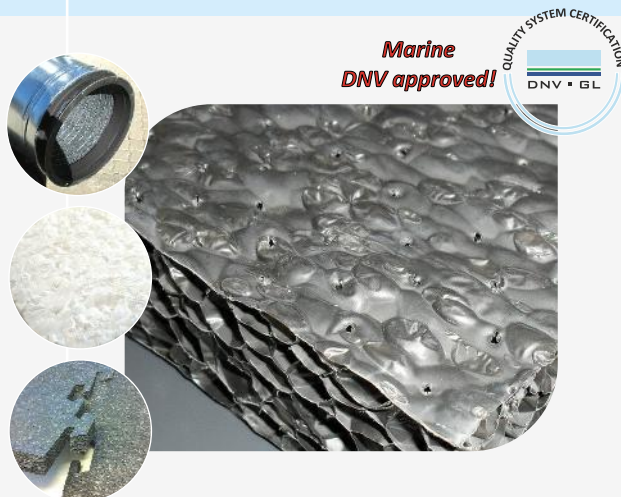
Options: The product can be delivered with adhesive tape.

Density: 25 kg/m<sup>3</sup>

Thickness: 20, 25, 30, 40, 50 mm

Fire characteristics: UL94 HF1 | DIN 4102 B1 | EN 13501-1 B, S2, D0 (option S1)

Cutting: Customized geometries (Water jet cutting, Die cutting etc.)





## CABINS | VEHICLES ACOUSTICS

Strong choices of acoustic materials

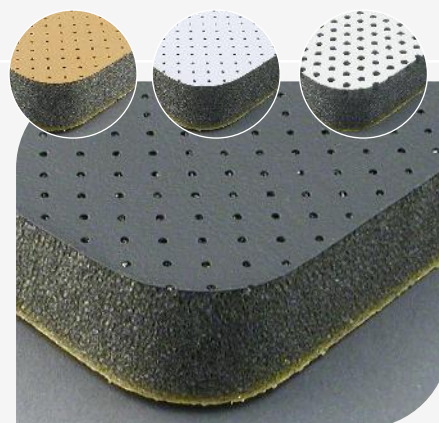


### SELF ADHESIVE PUR FOAM (with Vinyl film, Leather look)

TYPE: 02-40-MK-B028-7202

The acoustic panels, is mainly used for lining in engine rooms, machine guards, cabins, electrical –panels, panels, packaging inserts etc.

Density:	28-30 Kg / m <sup>3</sup>
Material size:	Up to 1200 x 1500 mm (10, 20, 30, 40, 50, 60 mm thickness..)
Colour:	Black   Grey   White   Cognac
Cutting:	Customized geometries (Water jet cutting, Die cutting etc.)
Fire characteristics:	FMVSS 302

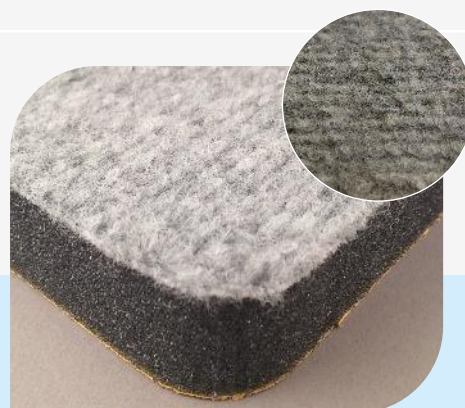


### SELF ADHESIVE PUR FOAM (with Loop grey fabrics)

TYPE: 40-MK-B028-Loop

The acoustic panels, is mainly used for lining in engine rooms, machine guards, cabins, electrical –panels, panels, packaging inserts etc.

Density:	28-30 Kg / m <sup>3</sup>
Material size:	Up to 1200 x 1500 mm (10, 20, 30, 40, 50, 60 mm thickness..)
Cutting:	Customized geometries (Water jet cutting, Die cutting etc.)
Fire characteristics:	FMVSS 302



### RUBBER (Floors and Flybridges)

TYPE: SHIP MAT (Checker) | BLACK CIRCULAR MAT

We supply all kinds of rubber mats, typically used as flooring in cabin, baggage and cargo holds etc. We supply sheets or rolls, 3-5 mm thickness.

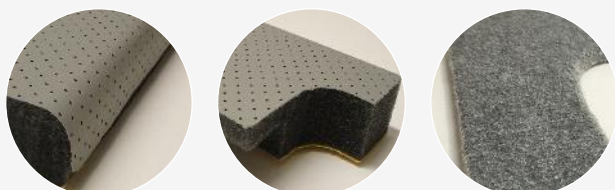
Ship mat:	Width: 1200 or 1400 mm   T: 3,0 or 5,0 mm
Circular mat:	Width: 1200 or 1400 mm   T: 4,5 mm
Foam:	10m Rolls or sheets
Cutting:	Customized geometries (Water jet cutting, Die cutting etc.)
Oil:	Type: 2394 = Oil resistant, Type 1729 = Normal rubber



### SPECIAL DESIGNES GEOMETRIES AND FINISH

Technical solutions, for all purposes.

If you require round edges, visible folding etc. please contact us and we make the right finish for your application.







## CABINS | ENGINE ROOMS

Strong choices of acoustic materials

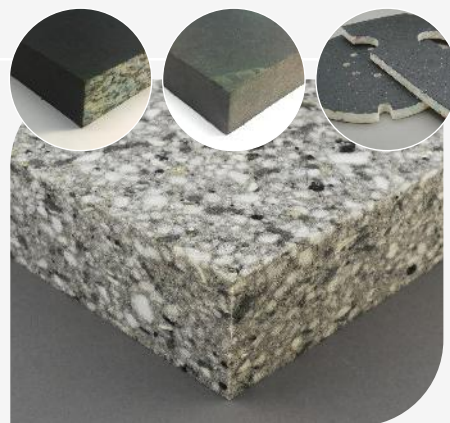


### COMPREX (Bonded Foam eg. for sound insulation)

Regenerated Bonded foam with densities from 80 – 230 kg/m<sup>3</sup>. Comprex is mainly used as noise reduction in Engine rooms, Generators, Compressors and in other applications - perfect alternative to e.g. Mineral wool.

Options: The product can be delivered with adhesive tape, heat reflecting aluminum film, PU film, Vinyl film or a Non-woven fabric. Can be delivered with an Edge sealing (rubber skin or aluminum film).

Density:	80, 100, 130, 180, 230 Kg/m <sup>3</sup>
Thickness:	10, 20, 30, 40, 50 mm
Sheet size:	1000 x 2000 mm
Cutting:	Customized geometries (Water jet cutting, Die cutting etc.)
Fire characteristics:	FMVSS 302 (Option: DNV 9094-1/2, Marine)



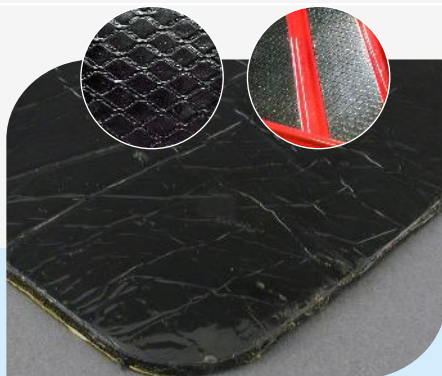
### BITUMEN DAMPING PLATES (heavy layer)

TYPE: LYF BI A2 (A3 / A4 / A5)

Remove the structural noises and vibrations. B6 have several solutions to offer, like heavy layer Bitumen sheets or heavy layer EPDM sheets. These sheets are standard with adhesive tape.

Fire resistant according to US norm FMVSS-302.

2,0 mm	(≈ 3-4 kg/m <sup>2</sup> )	1020 x 820 mm
2,5 mm*	(≈ 2,3 kg/m <sup>2</sup> )	1000 x 1600 mm (*ALU)
3,0 mm	(≈ 5 kg/m <sup>2</sup> )	1020 x 1220 / 1200 x 1500 mm
4,0 mm	(≈ 8 kg/m <sup>2</sup> )	1020 x 820/1220/1520 mm
5,5 mm	(≈ 10 kg/m <sup>2</sup> )	1020 x 820/1220 mm

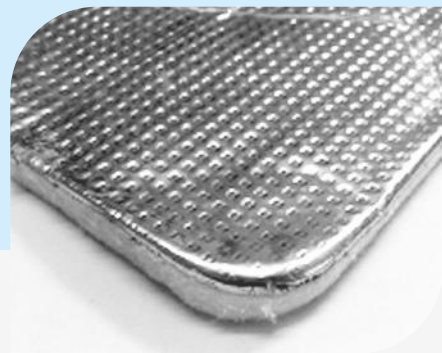


### HIGH TEMPERATURE INSULATION

TYPE: B6 SILIKA

Sound absorption and heat insulation, on fields with high temperature and humidity. Applications areas like Engine rooms, around Exhaust systems and Catalysts, Turbo chargers etc.

Hight (thickness):	7 mm   12 mm
Temp. resistance:	from - 40°C to + 250°C (Option: + 1200°C)
Material size:	1000 x 1600 mm.
Adhesive:	YES



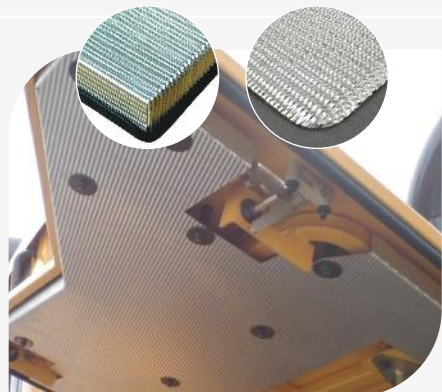
### B6 METAL ABSORBER (Micro perforated Aluminium plate)

TYPE: B6 METAL ABSORBER

Special developed (patented) perforated aluminium-plate, which by virtue of an underlying air gap, acts as a sound absorber. The metal absorber is particularly suited in environments, where demands for cleaning hygiene and/or fire safety are particularly high.

Thickness	Width	Length	Comments
1 mm	1000	2000	(+anodizing for salt-water environment)

- Can't burn! (aluminium or stainless steel)!
- Does not absorb water and is easy to clean.
- Does not age and is easy to mount.







## OTHER ACOUSTIC SOLUTIONS (absorbing)

Strong choices of acoustic materials

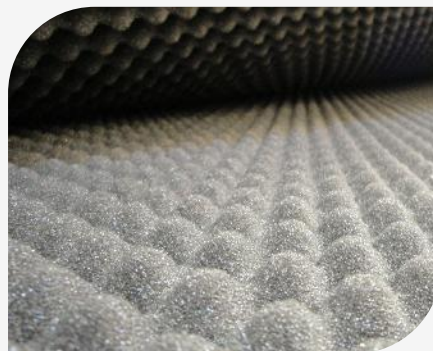
### EGG TRAY FOAMS (Polyester or Polyether)

TYPE: Polyester based C033 or C035

PUR foam (Esther or Ether), with an Egg tray profiled shape.  
The egg structure makes a larger surface (area), which improved the sound absorption.

Density: 20 - 55 Kg/m<sup>3</sup>  
Thickness: 10 – 50mm (avg.) – 30/15: 30mm top, 15mm bottom.  
Size: 1000 x 1500mm | 1200 x 1500 mm | 1200 x 2000 mm  
Cutting: Customized geometries (Water jet cutting, Die cutting etc.)  
Fire characteristics: FMVSS 302 (Option: UL94 HF1, Regilen)

*Contact us if you need other dimensions.*



### THERMO FORMED SURFACES ON FOAM

TYPE: Polyester C035 or Basotect

Thermo formed surface, by applying a customized heat mould directly on material surface. We offer different patterns (Knobs, Circles, Lines, Logos, etc)

The foam material we normally use in this process: PUR Polyester (C035) or Melamine Basotect foam.

Density: 30 Kg/m<sup>3</sup> (PUR) | 9 Kg/m<sup>3</sup> (Basotect)  
Thickness: 10, 15, 20, 30 ... mm.  
Cutting: Customized geometries (Water jet cutting, Die cutting etc.)  
Fire characteristics: FMVSS 302 | UL94 HF1



### BASOTECT®

TYPE: BASOTECT, G+, B, W (White, Grey)

Basotect® is a flexible, open cell foam made from melamine resin.  
Properties: Low weight | Good thermal insulation properties | Abrasiveness | High sound absorption capacity | Flame resistance (without the addition of flame retardants).

Density: 9-11 kg/m<sup>3</sup>  
Thickness: 10, 20, 30, 40, 50 ... mm  
Size: 1200 x 1500 mm | 1200 x 1800 mm  
Cutting: Customized geometries (Water jet cutting, die cutting etc.)  
Heat: Application temperature up to 240°C  
Fire Characteristics: UL94 HF1 | DIN 4102 B1 | EN 13501-1 B, S2, D0 (option S1)

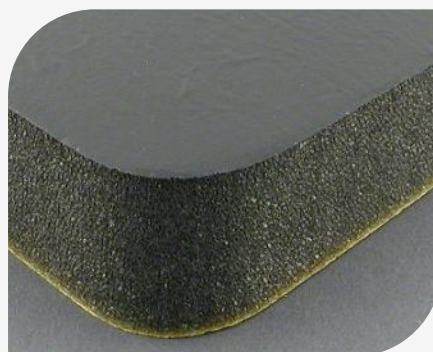


### SELF ADHESIVE PUR FOAM (with PU film)

TYPE: PU-40-MK-B028 Black

The acoustic panels, is mainly used for lining in Engine rooms, Machine guards, Cabins, Electrical panels, Packaging inserts etc.

Density: 28-30 Kg / m<sup>3</sup>  
Colour: Black | White film  
Material size: Up to 1200 x 1500 mm (10, 20, 30, 40, 50, 60 mm thickness..)  
Cutting: Customized geometries (Water jet cutting, Die cutting etc.)  
Fire characteristics: FMVSS 302

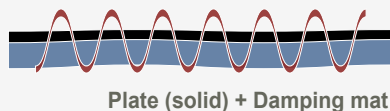
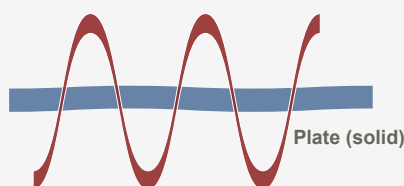
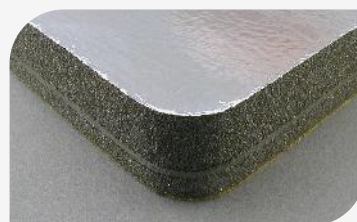


## DAMPING MATS (heavy layer)

Removes vibrations and resonance

### Dampening of noise transmitted by solids

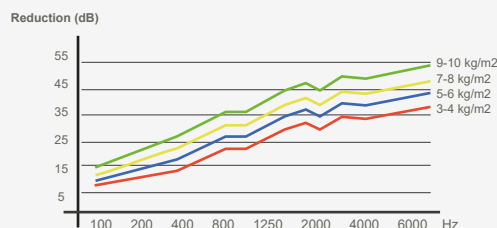
The reduction of noise generating through a solid transmission, is obtained by the transformation of the vibration energy into thermal energy (heat), absorbed by a heavy layer material solidly applied to a structure. In this way the vibration of the structure is absorbed before it starts generating noise.



### Self adhesive damping materials for applications at room temperature.

Application areas:

Engine hood | Generator parts | Pumps | Metal doors | Metal Sheets  
Marine walls | Dishwasher | etc.



Type	Description	Material	Foil	Std measures
LYF BI A2 (H)	2,0 mm ( $\approx 3\text{-}4 \text{ kg/m}^2$ )	Bitumen	PES	1020 x 820 mm
LYF BI A2 ALU (H)	2,5 mm ( $\approx 2,3 \text{ kg/m}^2$ )	-//- ( Resist.: 250°C ) -//-	-//-	1000 x 1600 mm
LYF BI A3 (H)	3,0 mm ( $\approx 5 \text{ kg/m}^2$ )	-//-	-//-	1020 x 1220 / 1200 x 1500 mm
LYF BI A4 (H)	4,0 mm ( $\approx 8 \text{ kg/m}^2$ )	-//-	-//-	1020 x 820/1220/1520 mm
LYF BI A5 (H)	5,5 mm ( $\approx 10 \text{ kg/m}^2$ )	-//-	-//-	1020 x 820/1220 mm
LYF EP A3 (S)	3,0 mm ( $\approx 5 \text{ kg/m}^2$ )	Bitumen/EPDM	none	1220 x 1520 mm
LYF EP A4 (S)	4,0 mm ( $\approx 8 \text{ kg/m}^2$ )	-//-	-//-	1020 x 1220 mm
LYF EP A5 (S)	5,5 mm ( $\approx 10 \text{ kg/m}^2$ )	-//-	-//-	1200 x 1520 mm
LYF CB A2 (H)	1,5 mm ( $\approx 1,25 \text{ kg/m}^2$ )	Impr. Bitumen	none	1020 x 1220/1520 mm
LYF BM60 (S)	3,0 mm ( $\approx 6 \text{ kg/m}^2$ )	PVC base	none	1200 x 1000/1500 mm
LYF BM70 (S)	4,0 mm ( $\approx 7 \text{ kg/m}^2$ )	-//-	-//-	1200 x 1500 mm



### Nice to know:

LYF	Lydfolie (Heavy layer sheet)
BI	Bitumen based
EP	EPDM based
CB	Card board based
(H) / (S)	Hard / Soft



## HEAVY LAYERS

Strong choices of acoustic materials

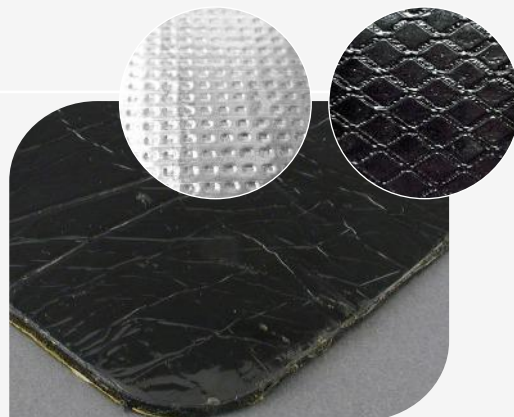
### BITUMEN DAMPING PLATES (heavy layer)

TYPE: LYF BI A2 (A3 / A4 / A5)

Remove the structural noises and vibrations. B6 have several solutions to offer, like heavy layer Bitumen sheets or heavy layer EPDM sheets. These sheets are standard with adhesive tape.

Fire resistant according to US norm FMVSS-302.

2,0 mm	( $\approx 3\text{-}4 \text{ kg/m}^2$ )	1020 x 820 mm
2,5 mm*	( $\approx 2,3 \text{ kg/m}^2$ )	1000 x 1600 mm (*ALU)
3,0 mm	( $\approx 5 \text{ kg/m}^2$ )	1020 x 1220 / 1200 x 1500 mm
4,0 mm	( $\approx 8 \text{ kg/m}^2$ )	1020 x 820/1220/1520 mm
5,5 mm	( $\approx 10 \text{ kg/m}^2$ )	1020 x 820/1220 mm



### BITUMEN/EPDM DAMPING PLATES (heavy layer)

TYPE: LYF EP A3 (A4 / A5)

The sheets comes with self adhesive tape.

Fire resistant according to The US norm FMVSS-302.

3 mm	( $\approx 5 \text{ kg/m}^2$ )	1220 x 1520 mm
4 mm	( $\approx 8 \text{ kg/m}^2$ )	1020 x 1220 mm
5,5 mm	( $\approx 10 \text{ kg/m}^2$ )	1200 x 1520 mm



### BITUMEN IMPREGNATED DAMPING CARDBOARD (heavy layer)

TYPE: LYF CB A2

The sheets comes with self adhesive tape.

Fire resistant according to US norm FMVSS-302.

1,5 mm	( $\approx 1,25 \text{ kg/m}^2$ )	1020 x 1520 mm
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### STANDARD MAT (heavy layer)

TYPE: STANDARD MAT, Black, 10mm SQUARE EMBOSS, PE foam

A tough, hardwearing mineral loaded vinyl flooring and sound barrier mat with a hessian substrate for added strength and dimensional stability.

Designed to improve the sound insulation of existing panels of metal, wood, plastic etc, at all frequencies. The materials excellent resistance to fuel and engine oil makes it ideal for use as a floormat in Commercial Vehicles. Fire resistant according to US norm FMVSS-302.

Operation temperature:  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$

10 mm	( $\approx 7,50 \text{ kg/m}^2$ )	1250 x 1500 x 10 mm
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## Let us be a part of your value chain..

We prefer to work in a teamwork with you!



### WE CUT, SORT AND PACK THE ITEMS FOR YOU IN SETS ..

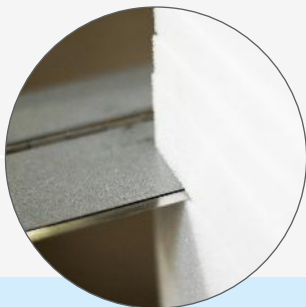
Optimize your work flow and focus on what you do best.  
In stead of cutting out your own items, consider purchasing in sets of multiple items and minimize your time and waste.

#### We offer you

Vertical cutting, Water jet cutting, Contour cutting, Horizontal cutting, 3D cutting, Die cutting, Lamination, Thermo forming etc.

#### Drawing

We handles your CAD drawings and cut directly after your instructions (dwg and dxf files).  
We also offer you to make your new CAD drawing.

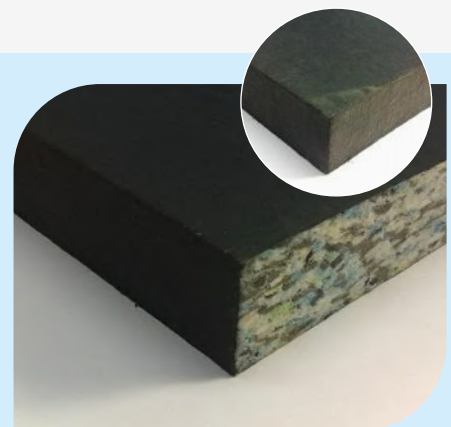
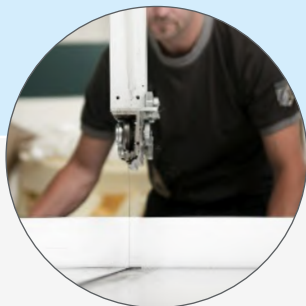


### EDGE SEALING WITH TIVOFLEX

TYPE: TIVOFLEX - 100% waterproof sound absorption | rubber skin!

In situations where the noise reduction material needs to be 100% waterproof, we recommend to treat the edges with our special edge sealing (Tivoflex).

The edge sealing consist of a sprayed thin flexible rubber skin that remains flexible even after hardening.



### EDGE SEALING WITH ALU-FILM

TYPE: Aluminium tape (film)

In constructions where the soundproofing need to be resistant to moisture and oil splash, we offer a complete solution with eg aluminum film.

We wrap the film tightly around every corner and attach it with an adhesive tape.







## Other solutions from B6 Akustik



### AntiNose®

Better acoustic in the office

#### Panels | Ceiling & Walls solutions

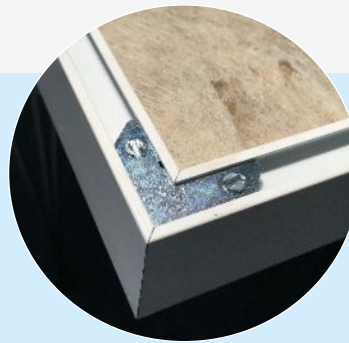
With AntiNose panels, you can reduce the disturbing echo effect in the working- or living area, and we make it remarkable easier to have an important conversation.

The AntiNose system is very easy to install and takes only a few minutes to mount. The package includes all the needed mounting gear, you don't need anything else!

#### Panels sizes

Type 1: 1800 x 900 x 50 mm (2 pcs per colli)

Type 2: 900 x 600 x 50 mm (4 pcs per colli)



### Filter foam

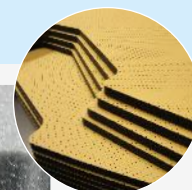
(PPI: 10, 15, 20, 35, 80)

(Filt: G3, G4)



### Foam for filter applications

Air, Dust and Water filters, in Polyurethanes or Polyester felt.



### TECHNICAL POLYMER APPLICATION

TYPE: AUDIO MAZE (sound absorber in Acoustic Foams)

Related to mechanical designs that require special acoustic solutions, we offer a variety of special designed Audio mazes.



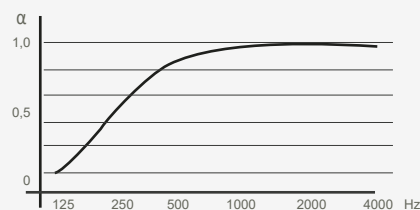
## Acoustic Flex Frame



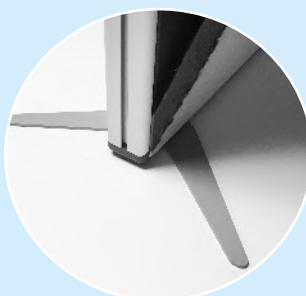
## Acoustic wall print - with your own image

A great solution for existing facilities with bad acoustics.

- » Two possibilities: **Wall pictures** or **Screen walls**
- » You decide the subject and **size** of your new acoustic wall print
- » Your image (printet textile) can easy be replaced with a new motive if wanted



Sound absorption measures according to ISO 354.  
The Sound absorptions coefficients  $\alpha_p$  and  $\alpha_w$  (0,8) is calculated according to ISO 11654.



Choose between different feet systems



A new motive can easy be installed in the alu frame







## Hygiene Sound Baffle

Acoustic noise reduction in production facilities

### The clear advantages

A great solution for existing facilities with bad acoustics.

- » Extra durable and waterproof vinyl film
- » Interior joints
- » Triangular top-construction
- » Simple and flexible mounting system
- » Quick installation, easy to remove
- » Low fire load (4.79 MJ / baffle)
- » Competitive price
- » CE mark

#### We offer you..

» Hygiene Sound Baffle is designed with a wedge-shaped top. Result = easy cleaning with water or compressed air.

» Hygiene Sound Baffle is designed to be mounted as a wall solution as well as hanging in the ceiling.

» Hygiene Sound Baffle is designed without visible joints. Result = no bacteria caught in the corners.

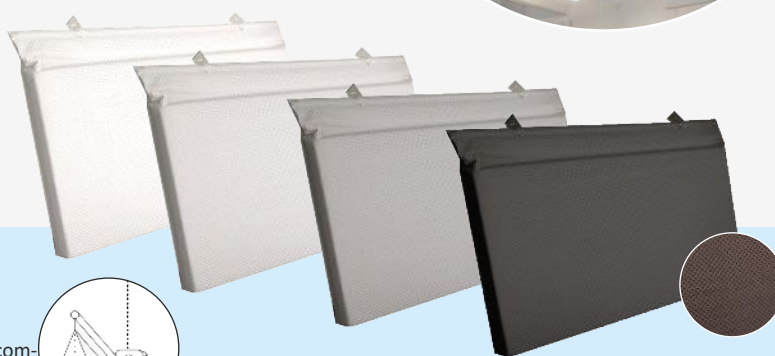
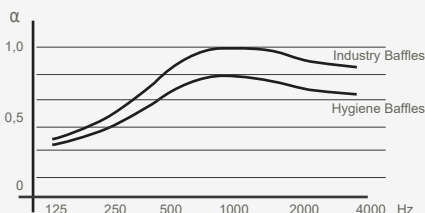
» Hygiene Sound Baffle is designed with flexible and adjustable stainless steel suspension hooks. Result = no need for 100% accuracy, by measuring the suspension.

» Hygiene Sound Baffle is designed and produced by B6 Akustik, in Denmark.

#### Specifications

1200 x 600 x 40 mm

You will notice the difference right away!

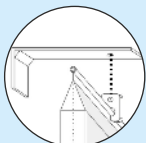
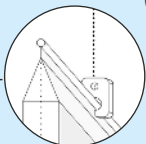


#### Hygiene Sound Baffles

Special designed for the food facilities (easily cleaned with water etc.)  
Type: Hygiene Sound Baffles

#### Industrial Sound Baffles

Special designed for ordinary industrial facilities  
Type: Industrial Sound Baffles





## PE foam

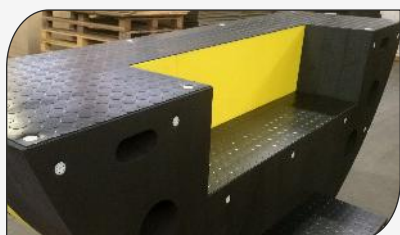
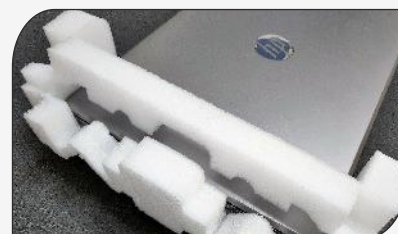
Advanced 3D Cutting

## Polyethylen Foam | PE

Create unique designs and solutions | We have the cutting flexibility

- » Packaging foam
- » Thermal insulation
- » Transport solutions
- » Marketing and Logos
- » Transport boxes (protecting)
- » Technical applications in general.

PE plast screw



### Polyethylene Foam (PE) | Cross linked | Light weight

Trademarks: XPE, AlveoSoft, AlveoLit, AlveoLen, AlveoBlock, GalFoam, PalFoam, Stratocell Plank (+ more..)



RED



BLACK



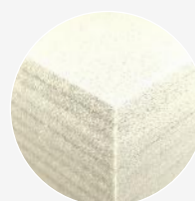
YELLOW



BLUE



GREEN



WHITE



GREY





## EPS foam

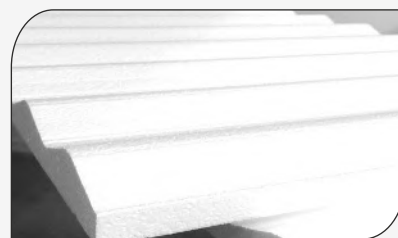
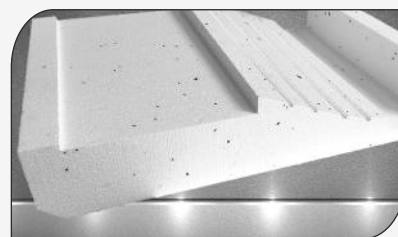
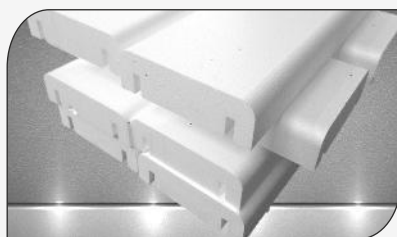
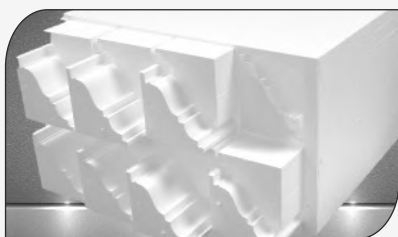
Advanced 3D heat wire cutting



## EPS Foam | XPS Foam

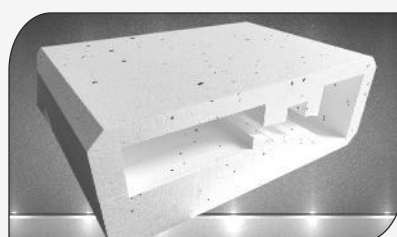
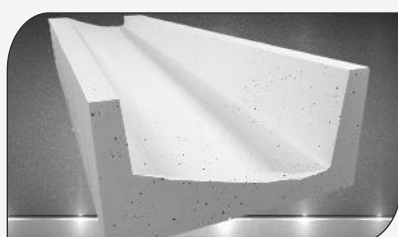
3D heat wire Cutting | Small or large items | cost effective solutions

- » Packaging foam
- » Thermal insulation
- » Transport solutions
- » Marketing and Logos
- » Technical applications in general.



### EPS | 60 Kpa - 300 Kpa

Dimensions up to 1200 x 2400 x 600 mm





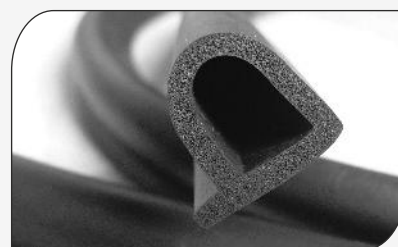
# Rubber parts

Neoprene, Nitril, EPDM, Nature, SBR, Silicone, etc.

## Complete range of Rubber parts

Sheets | Extruded profiles | Molded parts | Gaskets | Rolls etc.

- » Neoprene
- » EPDM
- » Nitrile
- » Natural
- » Silicone, etc.







## dB scale - from the real world

Compare the dB scale with noises from the real world.



## The structure of our Article Numbers

Learn how to decode our article numbers (decryptions) | example: the article number [ AL-30-MK-RE080 ]

AL -	30 -	MK-	RE80	(none)
Surface	Total thickness in mm	With or without adhesive, cardboard or sound foil	Type of foam	Colour code on top folio (textile, PU or PVC)

### Key to signatures

AL - Metallized polyester  
PVC - PolyVinylChloride  
PU - Polyurethane  
VX - Thermoformed  
XX - No foil

05 - Thickness in mm  
10 - mm  
20 - mm  
30 - mm  
Etc..

MK - With adhesive  
UK - Without Adhesive  
SIL - Silika gauze  
BI - Bitumen  
Etc..

RE - COMPREX (Bonded)  
B028 - Polyurethane, Ether  
C033 - Polyurethane, Esther  
BASO - Melamine (Basotect)  
Etc..

7202 - Light grey  
7173 - Charcoal grey  
8011 - Black  
0677 - White  
Etc..



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ISO 9001 & ISO 14001

# Acoustic & Industrial Solutions