

# INSTALLATION MANUAL

The following instructions could be only considered as examples, since there are many different types and models of cars.

## Content

1. Safety instructions
2. Tool, selection of material
3. Sound insulation, process and stages

### 1. Safety instructions

Attention!!!  
Read and follow all the safety instructions. Failure to observe this precaution could result in injury or danger to human life and health!  
Safety regulations:

\* **Installation** should be carried out by specially trained personnel only! Otherwise, it may cause improper installation with a threat to your safety, as well as damage to the parts of your car.

\* **In course** of installation, please consider the recommendations and rules for working with electrical appliances provided by the manufacturer of your car  
\* **Installation** must be carried out when the ignition is off. The car ignition can only be switched on after complete installation of all the dismantled interior parts.

\* **Please**, use these instructions and a specially designed installation tool.

\* **The edges** of the material could be sharp. Wear gloves and work clothes to minimize the risk of injury caused by the sharp parts.

\* **Use only** suitable solvents for degreasing the surface. (Pay attention to the information and safety instructions of the manufacturer).

\* **Use a professional** cutter or scissors to cut the plates. Pay attention to the working surface to prevent damaging or scratching the car parts.

\* **Roll down** the insulating material with a metal roller to remove all air.

\* **Our materials** do not need to be heated, the recommended installation temperature is within the following range +18 to +35°C

\* **Recommended** temperature of application - from -15°C to +90°C \* Any further use is considered unacceptable and prohibited \* Do not apply the material to surfaces that may exceed the recommended temperature range.

\* **All materials** are designed for use inside the car. Non-targeted use may result in undesirable consequences, injuries and technical malfunctions.

\* **In case of injuries:** Serious injuries - after first aid, seek medical advice immediately.

\* **Please** take care of the environmentally safe disposal of the remains of the material. The remains of substances should not be disposed with household waste.

\* **If you need** additional advice, please contact your local dealer.

\* **Further** information and technical data can be found on the website of the EU importer: www.sound-net.de. Address: Sound Net UG (haftungsbeschränkt), Schubertstr. 65, D-15234 Frankfurt Oder, Germany Tel. 0049 (0) 335 233 868782

### 2. Tool, Selection of material

\* **Tools** made of polyurethane will remove the upholstery and plastic panels, without scratching or damaging the painted, leather, chrome or other surfaces.

\* **The following** table will help you in choosing the right material:

#### Type No.1- vibration cushioning material

Material classification	Roof - approximate thickness of metal: 0.5 - 0.7 mm	Doors - approximate thickness of metal: 0.7 - 0.9 mm	Body, floor - approximate thickness of metal: 0.9 - 2.0 mm
Light(1.5-1.9 mm)	Budget / economy	Budget / economy	
Medium (2.0-2.3 mm)	Basic	Budget / economy	
Heavy(2.4- 2.9 mm)	Premium	Basic	Budget / economy
Double( 3.0-6.0 mm)		Premium	Basic

#### Type No 2 - sound-proofing materials

\* Material that does not absorb moisture

Material classification	Roof	Doors, Body	Floor, wheelarch, engine bulkhead
Medium (5.0- 8.0 mm)	Basic	Budget / economy	
Heavy (8.0- 10.0 mm)	Premium	Basic	Budget / economy
Double (5.0- 10.0 mm)			Basic

#### Type No.3 - sound-absorbing materials

\* The material absorbs water!!!  
Do not use on the floor and outer sides of the door, as well as in places where moisture may be accumulated!!!

Material classification	Roof	Doors (internal side)	Floor
Medium (5.0- 8.0 mm)	Basic	Budget / economy	

Heavy (8.0- 10.0 mm)	Premium	Basic	

### 3. Sound insulation, process and stages

\* **Order** of layers of sound insulation:

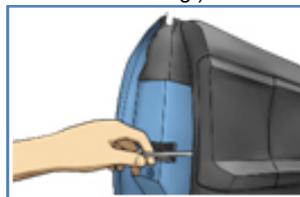
1st layer - vibration cushioning material (applied directly to the prepared metal)

2nd layer - sound-proofing material (applied to the previous layer)

3rd layer - sound-absorbing material (applied to the previous layer or to the inner part of the plastic covering of the car interior)

- The number and availability of layers can vary depending on personal needs and specific purposes of sound-insulating materials.

**Step 1: Remove the plastic covering, and if necessary, remove seats and floor carpet in the cabin.** (We recommend using special clips and other tools for dismantling.)

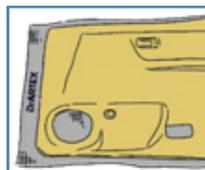


**Step 2: Clean and degrease the surface.** For best results, thoroughly clean and degrease the target surface. Use only specially designated solvents for degreasing. (Please, draw attention to the information and safety instructions from the manufacturer). Make sure that the surface is ready for installation of material. In case of installation of sound insulation on the uncleaned and greasy surface, the adhesive may lose its property, and the material will be not firmly adhered, thus decreasing effectiveness of sound insulation.



**Step 3: Make measurements and / or make a template.** Measure the areas on which you will install the insulation material. For best results, we recommend you make a template. Place the cardboard or thick paper on the target surface and draw a template. Cut it out and use it in the next step.

NOTE: It is sufficient to cover 70-80% of the target surface for the desired damping effect.



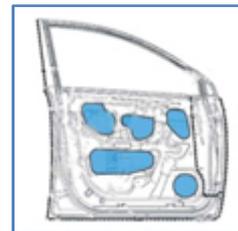
**Step 4: Cut out the necessary material.** Cut out the material

you need according to the desired shape and performed measurements. Use the measurements and / or template (s) from the Step 3. Use a professional cutter or scissors to cut the plates. Pay attention to the working surface to prevent damaging or scratching the car parts. Alternatively, you can cut the material into the strips of convenient size and apply them to the target surface with sections.



**Step 5: Apply the selected material to the surface.** Remove the pre-applied protective layer from the adhesive coating of the material and apply it to the target surface. Thoroughly press down from the center to the edges of the section.

**IMPORTANT!** Do not overlap sound insulation sections, as this can negatively affect the efficiency of sound insulation. Make sure that the vibration cushioning material has an unchamfered butt joint.



**Step 6: Roll out air bubbles.** It is important to ensure that there are no air pockets or air bubbles under the material that can be formed when the vibration cushioning material has been applied to the target surface. We recommend you use a metal roller to ensure uniform application and firm adherence of the material to the surface. The second and third layers (sound-proofing and soundabsorbing materials) shall be applied to the previous layer or to the inner part of the plastic covering of the car without gaps and lumens in a continuous layer.



**Step 7: Install the dismantled parts of the cabin in the reverse order.**

