



**PLEASE READ THESE INSTRUCTIONS CAREFULLY TO THE END!**

This is very important as the effectiveness of soundproofing doesn't only depend on the material used, but also largely on the correct installation sequence. Please note that incorrect installation of a soundproofing material may lead to the lack of the desired result.

**MAIN AREAS OF CAR SOUNDPROOFING:**

- doors
- floor and wheel arches (from the interior side)
- trunk and trunk lid
- car roof
- firewall (from the interior side)
- rear deck
- hood (in combination with special hood sound insulation of acoustic polyurethane foam)

**In order to soundproof your car by yourself you will need:**



- 1** Noico soundproofing material
- 2** Utility knife or scissors
- 3** Pen or marker for marking
- 4** Tape measure or measuring tape
- 5** Gloves
- 6** Special roller for rolling down the material
- 7** Degreaser and a cloth for cleaning the surface

# PREPARATION

## Step 1

Decide which part of the car you want to soundproof first: doors, floor, roof, trunk or hood. Soundproofing of each individual part of the car has its own result and effects on the overall outcome. Therefore, for the most effective result, we recommend that you install soundproofing material on all of the above main parts of the car.

## Step 2

On the Internet on special websites or forums, find a guide on how to disassemble the interior of your car and read it carefully. Now dismantle the trim of the part of the car that you want to insulate. Be careful when removing the interior trim, avoid breaking the fasteners! To do this, use a special clip remover.

## Step 3

After removing the interior trim, check what the standard sound insulation is made of. If it is made of jute or other fibrous material, temporarily remove it and reinstall it as a second layer on top of Noico. If the standard sound insulation is made of hard bitumen plates, and it is damaged or unstuck, remove it and install Noico in its place. If the standard sound insulation of bitumen is not damaged, then stick Noico on top of it, having thoroughly cleaned and degreased the surface of the standard sound insulation.

## Step 4

Thoroughly clean and degrease the surface of the body with a degreaser and a dry, clean cloth before installing the material. For successful installation, the surface has to be dry and clean! The material will not be fixed and will not last long when applied on a wet or dirty surface. We recommend that you carry out all work wearing gloves and air the room from time to time.

**\*To make sure that the degreaser will not damage the surface, pretest it on a small area.**

# SOUNDPROOFING

## Step 1

Before installing soundproofing material, make sure that the surface on which you intend to install the material is clean, dry and degreased. Measure the area where the material will be installed. We recommend that you first make a template of the required size out of cardboard. A previously made template will help you save time, effort and material.

## Step 2

Using an utility knife or scissors, cut the desired piece of material according to the template. Be careful and use gloves to protect hands at all stages of work.

## Step 3

Place the cut piece of material onto the surface where you want to install it (do not remove the protective paper). Make sure it fits the size, and only after that remove the protective paper. Please do not remove the paper abruptly. This must be done slowly and gradually so as not to damage the adhesive layer of the material.

## Step 4

Now when your sheet is ready for installation, lay it down firmly with the sticky side to a metal surface. Let it adhere. Flatten the sheet with hands to remove any remaining air bubbles and irregularities between the metal and the material.

## Step 5

At this stage, for a better adhesion (sticking) of the material to the surface, use a special roller for rolling down the material. A special convex embossing on the foil layer will help you determine whether the material is rolled down properly or not. You need to roll down the foil until it becomes completely smooth and even.

## Step 6

Now, in the reverse order, replace the trim elements removed from the car. Make sure that all parts fit well into their places and that there are no gaps. If this is not the case, cut the insulation with an utility knife, freeing up space for fasteners and locks.

**Congratulations! You have just soundproofed your car!**



**Remember that proper rolling down of material will help to avoid corrosion of the surface under the material!**



### **Useful tips:**

- ✓ The foil may have sharp edges. Use gloves not to damage your hands.
- ✓ For the correct installation of the material, the temperature of the ambient air, the metal of the car and the material should not be below 15°C (59°F). If the temperature is lower, use a heat gun to heat the material and surface to 30–40°C (86 - 104°F). But not higher, so as not to damage the paintwork of the car. It is at this temperature that the material exhibits the best adhesive properties.
- ✓ In order to close the joints of the sheets and the edges of the material, you can use aluminum insulation tape.
- ✓ Do not apply material on stiffeners and do not seal ventilation and drainage holes.
- ✓ Despite the fact that many people on the Internet talk about the need to cover only 40–50% to get a good result, we recommend that you insulate up to 100% of the surface to get the best result. You can also use a simple method and tap the metal surface with your fist. Those places, where a pronounced, unmuffled sound of metal is heard when tapping, need additional soundproofing.



**If you still have questions about installing our material, please contact us via email and we will give you a detailed response within 1-2 business days.**



**Contact email: [sales@noico.info](mailto:sales@noico.info)**



## Please note:

- ✓ The material is for interior use only.
- ✓ The material cannot be installed on ferrous metal. The surface of the metal is to be painted or primed. We also do not recommend installing Noico material over a layer of spray-on sound insulation. Applying spray-on sound insulation over Noico material may lead to the destruction of such insulation.
- ✓ The material may only be used on clean, dry metal surfaces.
- ✓ The permissible operating temperature of the installed material ranges from  $-45^{\circ}\text{C}$  ( $-49^{\circ}\text{F}$ ) to  $100^{\circ}\text{C}$  ( $212^{\circ}\text{F}$ ). Short-term heating up to  $200^{\circ}\text{C}$  ( $392^{\circ}\text{F}$ ) is allowed. Do not use this material as a heat shield for a muffler, catalytic converter, diesel particulate filter, etc. For these purposes, you need to use a special material that can withstand temperatures of  $480^{\circ}\text{C}$  ( $896^{\circ}\text{F}$ ) to  $1,650^{\circ}\text{C}$  ( $3,002^{\circ}\text{F}$ ).
- ✓ The product is almost odorless. However, sometimes there may be a slight technical odor characteristic of butyl rubber-based materials. This odor will disappear some time after installation.
- ✓ The material cannot be reused after dismantling.
- ✓ Please observe safety precautions.



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