

Product description

The AVP sheet is made of heavy fillers mixed with an EVA-based rubber. The sheet has a self-adhesive with protection paper.

Application

For damping vibrations in thin sheets, as well as increasing the sound reduction value. Used in the machinery, shipping, transport and construction industries for noise damping of machines, vehicles, boats, pipes and ducts, etc.

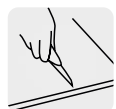
The sheet is used, for example, in engine compartments, cabinets, partitions and machine enclosures.

Acoustic data

The material's sound-absorbing properties are based on increases of the loss factor and reduction value. The loss factor is a measure of the vibration energy converted into heat, and the reduction value represents the isolating capacity against sound penetration.

The reduction value of airborne sound insulation is shown in the graphs to the right.

Assembly



Cut with scissors or a knife before removing the protective paper. The underlay is cleaned of dust, grease, moisture and other contaminants.



Attachment is easiest if the sheet is bent and attached along the shorter side first.

Press the sheet firmly into place and if necessary use a roll so that air bubbles are avoided (air bubbles degrade the damping). The items can put be under pressure to achieve better adhesion.

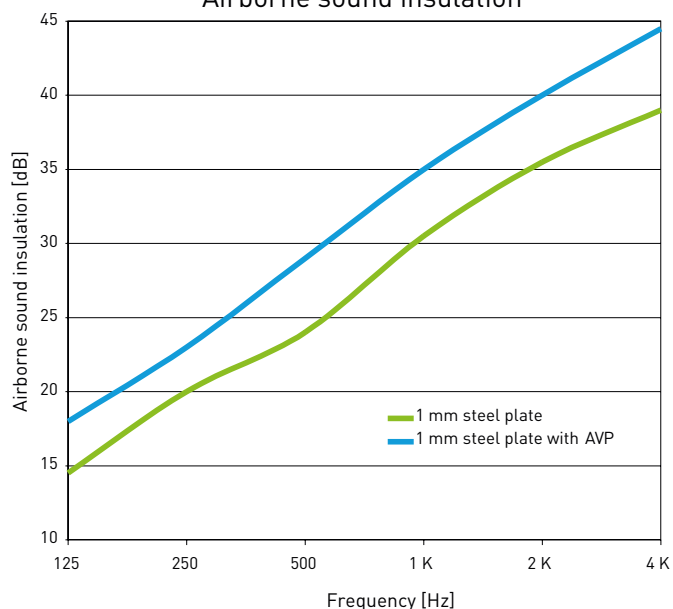
The underlay and sheet must be at room temperature (about 20 °C) prior to assembly.

AVP may be softened and shaped by gentle heating with a heat gun.

For vertical or downwards mounting, the adhesive must be supplemented with mechanical fastening, e.g. screws and washers.



Airborne sound insulation



	Product data	
Thickness	3.5 mm	
Width	0.75 m	1.0 m
Length	1.0 m	1.5 m
Surface weight	7.5 kg/m ²	
Adhesiveness	10 n/m ²	
Colour	black	
Temperature range	-30 °C to +100 °C, for short periods up to +170 °C	
Properties	Self-extinguishing in accordance with f MVSS 302	
Storage	Store at temperatures of 0 °C to 30 °C	