

Product description

The soundproof and plate damping material MX5 is a heavy thermoplastic plate. MX5 is made from a polymer base of synthetic rubber and thermoplastic materials. MX5 is self-adhesive, and the adhesive is protected by a thin film.

MX5 is an alternative for products which must not contain PVC.

Application

For damping vibrations in thin sheets, as well as increasing the sound reduction index. MX5 is particularly suited to affixing to complex constructions as the material is very flexible and can easily be bent over curved surfaces.

Used in the machinery, shipping, transport and construction industries for noise damping on machines, vehicles, ships, pipes, ducts, etc.

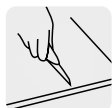
MX5 is used, for example, in engine compartments, cabinets, partitions and in machine enclosures and ventilation ducts.

Can also be used as a soundproof curtain

Acoustic data

Typical transmission loss curve of MX5 according to ISO R140-4, free-hanging curtain, see 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.

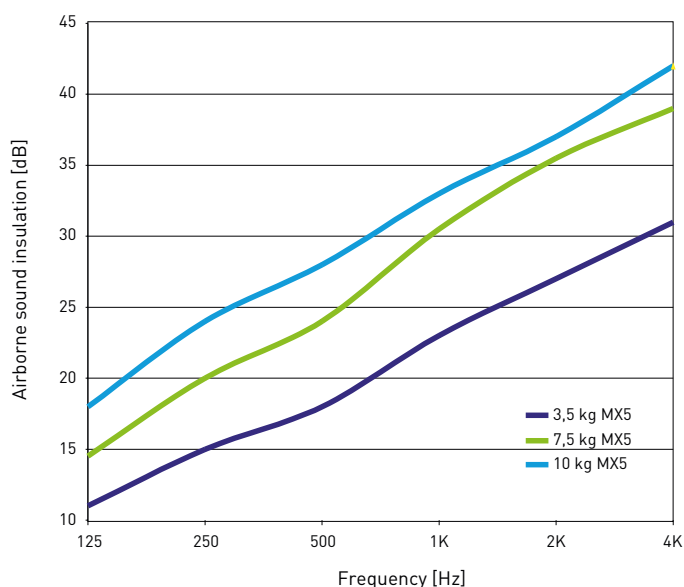
Press the sheet firmly into place and if necessary use a roll so that air bubbles are avoided (air bubbles degrade the damping). The items can put be under pressure to achieve better adhesion.

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

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



Airborne sound insulation according to ISO/R140-4



	Product data
Colour	Black
Density	3.5 kg/m ²
Thickness*	[approx.] 1.8 mm
Temperature range (static)	-30 °C to +65 °C
Fire class	FMVSS302: PASS

*Created according to weight tolerance