

Product description

BMJ is made of PVC plastisol with a barite (baryta) filler. The soundproof curtain has a top coat of black patterned PVC film and a base fabric of jute. The jute provides shape stability and increases the strength against tensile stresses. BMJ is available in four thicknesses with surface weights of: 5–7.5 – 10– 5 kg/m².

Application

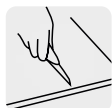
For screening off noisy machines and workplaces, as well as for sectioning premises in noisy and non-noisy areas. Can also be used in openings where the passage or thoroughfare of materials is required. BMJ may also be used as a soundproofing sheet, i.e. directly applied to sheet constructions which require soundproofing. Use a contact adhesive (type 555). BMJ is resistant to water and certain types of oil.

Acoustic data

The material's excellent sound damping properties (reduction value) are based on a high loss factor and great surface weight. The loss factor is a measure of the vibration energy which is converted to heat, and the reduction value expresses the isolating capacity against sound penetration.

Assembly

When hanging BMJ as a soundproof curtain, the noise damping depends heavily on factors such as the room's acoustics, the noise frequency's composition, the height of the curtain, densities and the sound source's location relative to the recipient, etc.



As a soundproof sheet: Cut the BMJ sheet with a sharp knife or similar and glue it to the underlay using contact adhesive (type 555). The adhesive is applied to the side with jute and the underlay using a brush or a fine-toothed putty knife.



It is crucial for the adhesion that preparation (cleaning, degreasing, etc.) is done carefully, just as the gluing should not be carried out under room temperature (20 °C). The film must have full adhesive contact with the surface – use a rubber hammer or hand roller for applying it.

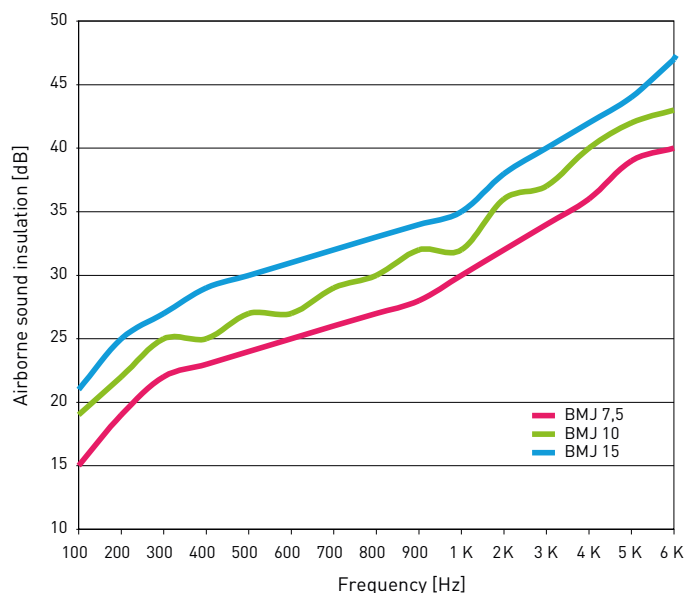
After application using glue, the temperature should not exceed 50 °C.

Under extreme conditions (bad gluing surface, downward-facing underlay, difficult installation conditions), further mechanical fastening is recommended, such as screws and washers.

As a soundproof curtain: The individual curtain tracks are installed free hanging. The suspension may be fixed or on running rails so that the curtain can be slid to the side. The overlap between the tracks should be 10–20 cm and should moreover be fitted as tightly as possible to achieve maximum sound isolation.



Airborne sound insulation according to ISO/R140-1960



	Product data		
Surface weight	7.5 kg/m ²	10.0 kg/m ²	15.0 kg/m ²
Thickness	5 mm	6 mm	8 mm
Width	1.25 m	1.25 m	1.25 m
Roll length ¹	1.5 m	1.5 m	1.5 m
Colour	Black		
Temperature range	-30 °C to +50 °C		
Properties	Self-extinguishing according to FMVSS 302, ASTM D 1692-68. Strong heating releases toxic gases that can be harmful if inhaled.		

¹available in other lengths for larger deliveries