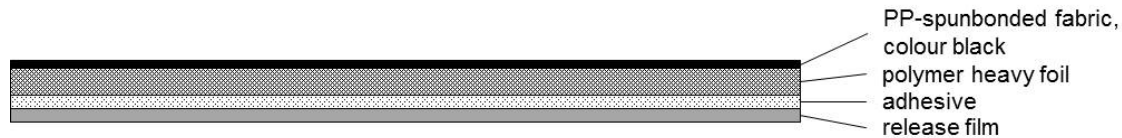


Technical Data Sheet

Sonit[®] KM S



Sonit[®] KM S is a heavy foil based on plastic without a carrier inlay with very excellent insulating properties, laminated on one side with a polypropylene (PP) spunbonded fabric, colour black. Self-adhesive equipment with a high-quality adhesive system based on acrylate.

| Technical Data | | | |
|---|----------------------|---|---------------------------|
| Type | | Sonit [®] KM 2 S | Sonit [®] KM 3 S |
| Thickness (approximate) | [mm] | 2.0 ± 0.2 | 3.0 ± 0.2 |
| Weight (approximate) | [kg/m ²] | 3.6 | 5.4 |
| Colour | | black | |
| Loss factor DIN EN ISO 6721-3: d _{200 Hz} at 20 °C on 1 mm steel sheet | | 0.04 | 0.10 |
| Thermal stability 24 h | [°C] | 80 | |
| Thorn bending at 10 °C | [mm] | 10 | |
| Adhesive strength at 20 °C | [N/5cm] | > 4 | |
| Combustibility DIN EN ISO 11925/2/EN13501-1 DIN 75200 | [mm/min] | class E burn rate max 100 | |
| Chemical resistance | | water, alcohols, diluted acids and caustics | |

Main function: Airborne sound insulation and structure-borne sound insulation (anti-drumming)

Applications: Body- and vehicle construction, home appliances, shipbuilding, mechanical engineering, partition walls, air ducts, sound damping doors, sound isolation etc.

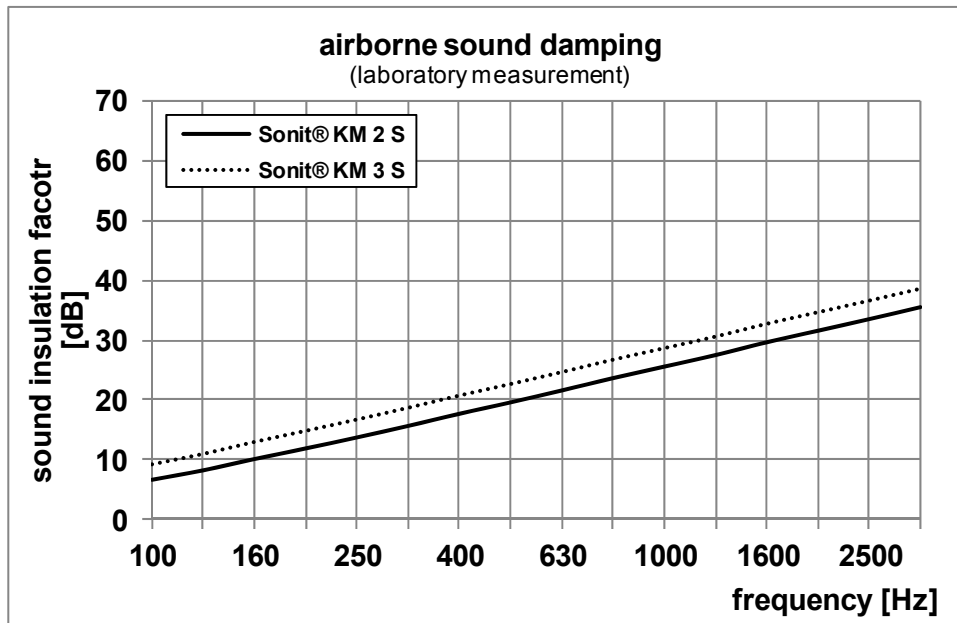
Processing: The surface must be carefully cleaned from dust, grease, oil and water. Full area adhesion has to be insured. The adhesion strength is directly dependent from the processing pressure. The material has to be pressed in firmly, e.g. using a feed roll. Cold adhesions should not be occurred below 20 °C material temperature.

Storage conditions: Dry at temperatures between 18 - 25 °C
 Max storage time: 3 months

Delivery forms: Standard boards 1,000 x 1,000 mm,
 other sizes and cut-to-size pieces upon request.

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Sonit[®] KM S



The technical data (average values) as well as material information are based on our present knowledge and experiences. They free the user because of the fullness of possible influences by the application of our products, however, not from own tests and attempts in the approach of the real application. Because of the peculiarities of every individual case we can take over no liability for our indications. On request we are available gladly with information.