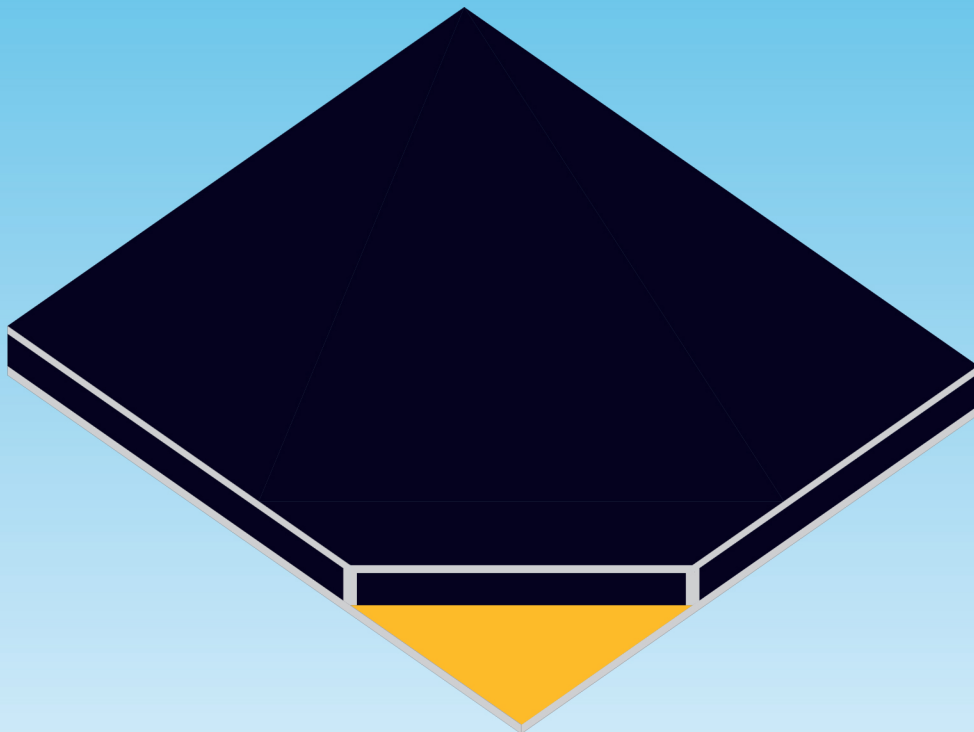


# NORDISK AKUSTIK A/S

## FB112 Sound insulation



FB112 is ideal as sound insulation for laboratory machines and cabinets, automatic dishwashers and washing machines, industrial cabinets, for floor insulation in trains, buses, trucks, forestry machines, ventilating shafts on or between plywood flooring. FB112 is especially suitable as sound insulation together with an absorbent directly adhesived on FB112.

**FB112 sound insulation mat,**  
7,5 kg/m<sup>2</sup> self-adhesive, 3,4 mm. thick,  
size 1000 x 1500 mm.  
Art. no. 100570

**FB112 sound insulation mat,**  
7,5 kg/m<sup>2</sup> self-adhesive, 3,4 mm. thick,  
size 1000 x 750 mm.  
Art. no. 101340

FB112 is an EVA-rubber based sound insulating mat, which can be used alone or combined with an absorbent, which is easily mounted on FB112 due to the chemical composition of the material.

FB112 is air sound insulating but also structure sound damping at especially low temperatures.

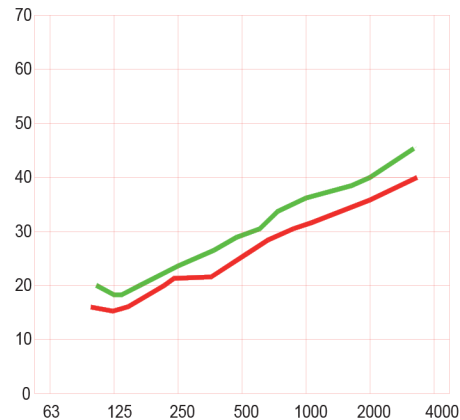
When mounting it is important that the surface where FB112 will be mounted is clean. Before mounting it is required that FB112 as a minimum has room temperature. At vertical or suspended constructions we recommend using both adhesive and mechanical fasteners.

<b>Colour:</b>	Black
<b>Weight:</b>	7,5 kg/m <sup>2</sup>
<b>Thickness:</b>	3,4 mm.
<b>Heat and cold resistance:</b>	-30° to +100°C.
<b>Temperature over short periods:</b>	+ 170°C
<b>Reduction factor:</b>	See Fig. 1
<b>Flammability:</b>	Self-extinguishing as defined by FMVSS-302.
<b>Adhesive strength:</b>	Approx. 10 N/cm on sheet at 20°C.

R increases = The Reduction factor for a 1 mm. steel sheet by 6 dB when FB112 is applied to it (7,5 kg/m<sup>2</sup>). The steel sheet is 7,8 kg/m<sup>2</sup>. If the steel sheet is 0,5 mm. the reduction factor increases by 9 dB.

**Fig. 1**

Reduction factor (dB)



The reduction as a function of the frequency for FB112 applied to 1 mm. steel sheet.

— = 1 mm. steel sheet.  
— = FB112 applied to 1 mm. steel sheet.

All information and instructions for use of products is based on experiments, tests and practical experience. However, they should be treated as general guidelines only. Local conditions and other used materials may influence end results. Nordisk Akustik A/S accept no responsibility for the results achieved when our products are used, as the conditions under which work is carried out is beyond our control.