

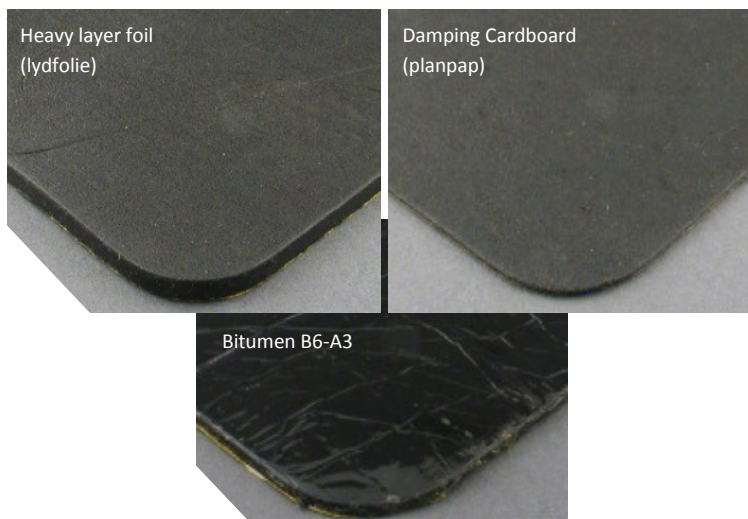


Heavy Layers panels

Mechanical energy (resonance)

When a piece of material is exposed to mechanical energy (also known as kinetic energy) this will create resonance and generate unwanted sound.

If you think of the construction of a Boat, or a Vehicle, it is exposed to massive mechanical influences from the motor (engine), the gear box, the wheels, the bumpers etc. This all generate massive unwanted sound, where we need to place something on, to absorb the mechanical energy (resonance).



B6 have several solutions to offer, like heavy layer Bitumen sheets or heavy layer EPDM sheets. These sheets can be achieved with or without adhesive tape.

B6 Akustik also manufactures Sandwich combinations.

You decide the look and the thickness - and we simply produce it!

Type	Description	Material	Foil	Std measures
B6 A2	2 mm ($\approx 3\text{-}4 \text{ kg/m}^2$)	Bitumen	PES	1020 x 820 mm
B6 A3	3 mm ($\approx 5 \text{ kg/m}^2$)	//-	//-	1020 x 1220 / 1200 x 1500 mm
B6 A4	4 mm ($\approx 8 \text{ kg/m}^2$)	//-	//-	1020 x 820/1220/1520 mm
B6 A5	5,5 mm ($\approx 10 \text{ kg/m}^2$)	//-	//-	1020 x 820/1220 mm
Heavy Layer 3	3 mm ($\approx 5 \text{ kg/m}^2$)	Bitumen/EPDM	none	1220 x 1520 mm
Heavy Layer 4	4 mm ($\approx 8 \text{ kg/m}^2$)	//-	//-	1020 x 1220 mm
Heavy Layer 5,5	5,5 mm ($\approx 10 \text{ kg/m}^2$)	//-	//-	1200 x 1520 mm
Damping cardboard	1,5 mm ($\approx 1,25 \text{ kg/m}^2$)	Impr. Bitumen	none	1020 x 1220/1520 mm
-/-	2 mm ($\approx 1,6 \text{ kg/m}^2$)	//-	//-	1000 x 1000 mm
BM0060	2,4 mm ($\approx 5 \text{ kg/m}^2$)	PVC base	none	1200 x 1000/1500 mm
BM0070	3,0 mm ($\approx 8 \text{ kg/m}^2$)	//-	//-	1200 x 1500 mm

Sound reduction / dB

(DIN EN ISO 140-1, DIN EN ISO 140-3)

