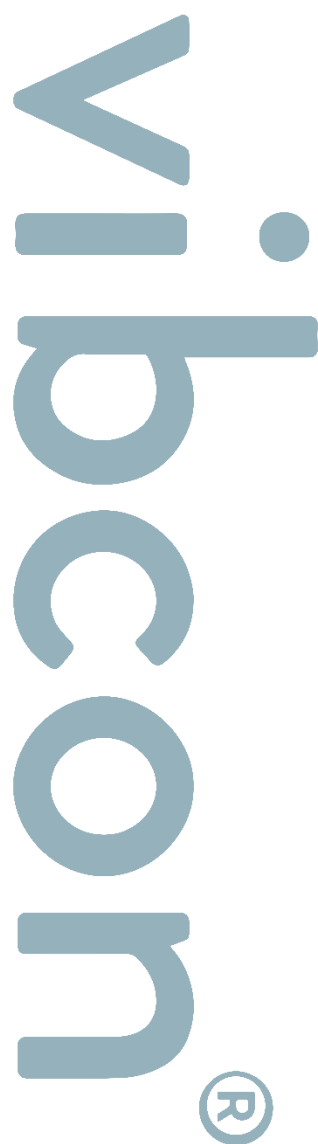




# Vibcon LA

Dampening mat

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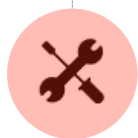
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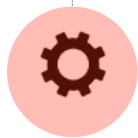
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## Information

The damping sheets VIBCON LA are synthetic polymer-based high-density "without asphalt" which provide good damping of vibrating surfaces and therefore favors the isolation and acoustic comfort to the various building elements. (Cutting noise)

They emerged as a substitute for lead sheets which have a very high comparative cost.

His damping power structure to its high viscosity should

As properties we can highlight:

- High acoustic insulation, combined with soft bending elements
- Great elongation capacity.
- Easy to handle and adaptable to uneven surfaces.
- Resistance to cold and heat.
- Self-extinguishing.
- Excellent resistance to aging.



## Models and Formats

<b>LA 5</b>	<b>Roll format</b>	6 x	6.30 m <sup>2</sup> roll
<b>LA 10</b>	<b>Mat format</b>	1,25 x	1.30 m <sup>2</sup> mat
<b>LA S5</b>	<b>Roll format</b>	6.05 x 1,22 m	7,38 m <sup>2</sup> roll
<b>LA S7</b>	<b>Roll format</b>	5.05 x 1,22 m	6.10 m <sup>2</sup> roll



### Physical analysis

#### BASE WITH ASPHALT

Test	Value
Density	/cm <sup>3</sup>
Working range temperature	
Plegabilidad	Don't brake at -20°C
Tensile strength (UNE 104-281/6.6)	30 N/cm <sup>2</sup>
Elongation (UNE 140-281/6.&)	300%
Compression resistance	/cm <sup>2</sup>

Weight	LA 5	5 Kg/m <sup>2</sup>
	LA 10	10 Kg/m <sup>2</sup>
Thickness	LA 5	2.3 mm
	LA 10	4.7 mm

#### WITHOUT ASPHALT

Test	Value
Density	1.9 g /cm <sup>3</sup>
Working range temperature	
Plegabilidad	Don't brake at -20°C
Tensile strength (UNE 104-281/6.6)	30 N/cm <sup>2</sup>
Elongation (UNE 140-281/6.&)	300%
Compression resistance	/cm <sup>2</sup>

Weight	LA S5	5 Kg/m <sup>2</sup>
	LA S7	7Kg/m <sup>2</sup>
Thickness	LA S5	2.6 mm
	LA S7	3.6 mm



### Airborne sound insulation in dB

Frequency	63	125	250	500	1k	2k	4k
LA 5	2	5	13	18	25	33	38
LA 10	8	10	18	23	30	36	44



## Use

It supports all common types of construction supports. The support should be regular, clean and dry.

It must also be clear of items that can damage the mat.

The sheets that do not have adhesive can be placed with glue of low solvent content.

EFFICIENCY: 1 m<sup>2</sup> sheet covers approximately 0.90 m<sup>2</sup>, including overlaps.



## Applications

- Isolate metal air ducts.
- Noise reduction impact on all kinds of forgings, by forming floating floors (LA10).
- Noise dampening impact caused by rain or hail on metal covers (LA10).
- Damping of metallic vibrating surfaces (LA10).
- Soundproofing cabins, downspouts pipes etc. (LA10).
- Airborne noise insulation in vertical surfaces with low surface mass: lightweight partitions or panels of various materials (LA6).
- Airborne noise insulation in roofs (LA6).

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