

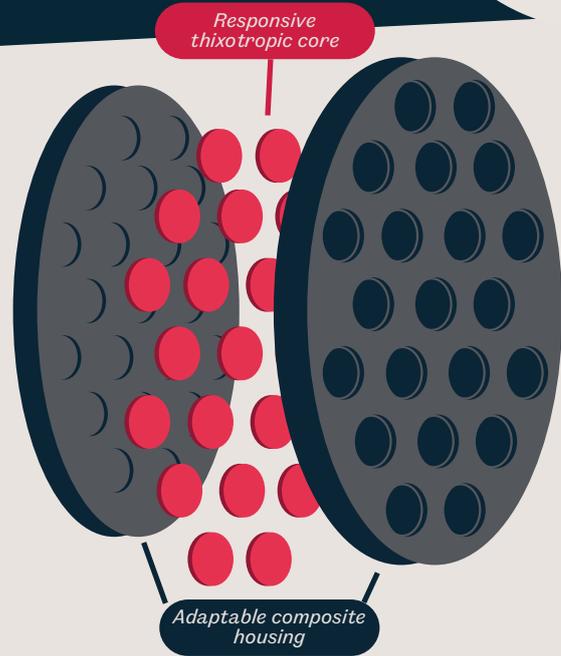
## Technical Data

### Introducing SoundBounce

**SoundBounce, by Lios, is an advanced acoustic material with superior sound dampening performance, particularly at low frequencies.**

Our composite material – SoundBounce – works using energy-absorbing materials never before seen in the acoustics and vibration field.

Low frequency noise is a significant challenge in products with engines, motors, vibrations, and airflow. This new advanced material is transforming industries such as aerospace, automotive, construction, and home appliances. SoundBounce delivers superior noise attenuation without the bulk of traditional acoustic materials while remaining cost effective, thin, and sustainable.



Acoustic Properties	Units	Value (for standard sample)
Rw Value	dB	26
<b>Material Properties</b>		
Surface Density	kg/m <sup>2</sup>	6.5
Operating Temperature Range/Temperature Resistance	°C	-20 - 75
Product Dimensions (Length x Width x Thickness)	mm	1050 x 1050 x 5
Material Shore Hardness		~70 A
Elongation at break	%	~200
Tensile Strength	kg/cm <sup>2</sup>	~35
<b>Packaging</b>		
Storage Temperature	°C	25

**Sound Transmission Loss testing** was conducted in a room to room set up, with the 1050x1050x5 mm standard sample placed in an aperture between two reverberation chambers. Testing was carried out at an independent lab at ambient pressure and temperature, using the standard ISO 10140-2.

