

# MARLDON STRATA A50

## 150090

### PRODUCT DESCRIPTION

Strata A50 is a tough and durable acoustic resilient layer designed to attenuate impact sound at source. Its highly recycled rubber-mix acts as a dense layer suitable for concrete subfloor and can be used under a wide range of floor finishes. Its lack of deformation means the Strata A50 underlay offers greater stability and durability. Compatible with underfloor heating.



<b>Dimensions</b>	5mm x 1.3m x 10m
<b>Roll Area</b>	13m <sup>2</sup>
<b>Roll Weight</b>	50kg
<b>Density</b>	750 kg/m <sup>3</sup>
<b>Mass</b>	3.75 kg/m <sup>2</sup>
<b>Compression Loads (Over 10 Years)</b>	10 kN/m <sup>2</sup> = < 7% loss of thickness. 15 kN/m <sup>2</sup> = < 10.6% loss of thickness. 20 kN/m <sup>2</sup> = < 14.3% loss of thickness
<b>Recycled Content</b>	0.93 Recycled tyres per m <sup>2</sup> . - 12.09 Recycled tyres per roll 92% Recycled - 100% Recyclable
<b>Performance</b>	Reduction from Strata A50: ΔLw 20dB. Performance will vary with different floor make-up. Best performance achieved when incorporated in a fully bonded floor build up.
<b>Tog Rating</b>	0.047 - 0.5 Tog
<b>Thermal Conductivity</b>	0.133 W/mK
<b>Thermal Resistance</b>	0.047 m <sup>2</sup> K/W
<b>Temperature Stability</b>	-35°C to +100°C

This information is given to the best of our knowledge but without liability.

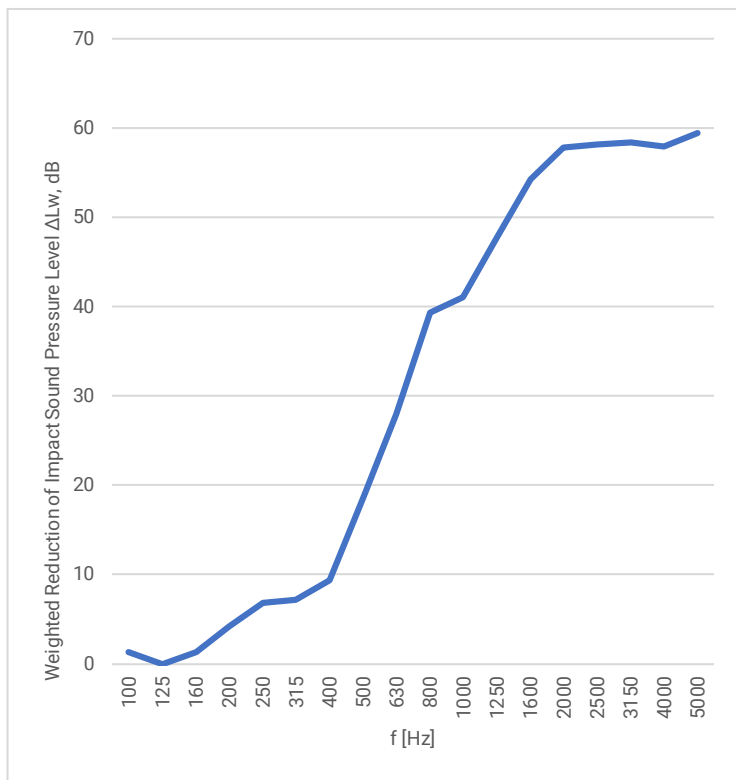
### KEY BENEFITS

- ✓ Significantly reduces impact sounds.
- ✓ Can be installed under finished flooring.
- ✓ Guaranteed constant thickness and density.
- ✓ Does not deform, maintains efficiency long term.
- ✓ Pre-fabricated recycled tire granule mat.
- ✓ Low compression under heavy loads.
- ✓ May be used in retrofit.
- ✓ Compatible with UFH

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PERFORMANCE DATA

Acoustic Test Report  
Strata A50

Hz	1/3 Octave
100	1.3
125	-0.1
160	1.3
200	4.2
250	6.8
315	7.2
400	9.4
500	18.6
630	28
800	39.3
1000	41.1
1250	47.7
1600	54.3
2000	57.8
2500	58.2
3150	58.4
4000	57.9
5000	59.5



Rating in accordance to ISO 717-2

FOR FURTHER  
INFORMATION

Contact the dedicated Marldon  
Technical Team on 01772 696600.

Additional Information: This data sheet is prepared by Marldon Technical Department. The information contained in this technical data sheet is based on present knowledge and current national legislation. The information provided is a guidance on usage, application, health and safety etc, it is not to be construed as a guarantee of technical performance or suitability for particular applications.