

# MARLDON STRATA A30

## 150097

### PRODUCT DESCRIPTION

Strata A30 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 subfloors and can be used under a wide range of floor finishes. Its lack of deformation means the Strata A30 underlay offers greater stability and durability. Compatible with underfloor heating.



<b>Dimensions</b>	3mm x 1.3m x 20m
<b>Roll Area</b>	26m <sup>2</sup>
<b>Roll Weight</b>	60kg
<b>Density</b>	750 kg/m <sup>3</sup>
<b>Mass</b>	2.25 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>	0.56 Recycled tyres per m <sup>2</sup> - 14.5 Recycled tyres per roll 92% Recycled - 100% Recyclable
<b>Performance</b>	Reduction from Strata A30: ΔLw 19dB. Performance will vary with different floor make-up. Best performance achieved when incorporated in a fully bonded floor build up.
<b>Tog Rating</b>	0.028 - 0.3 Tog
<b>Thermal Conductivity</b>	0.133 W/mK
<b>Thermal Resistance</b>	0.028 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.

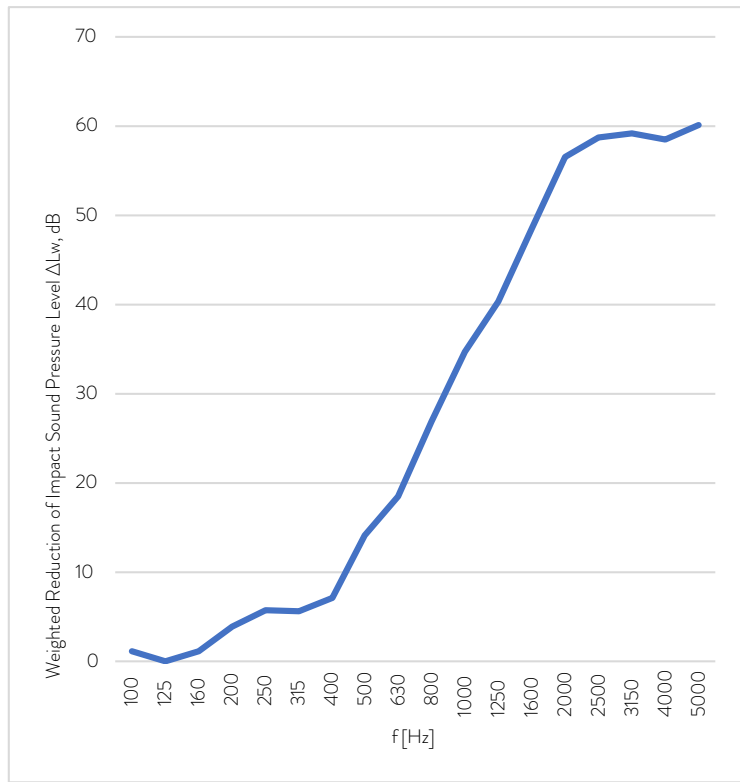
### KEY BENEFITS

- ✓ 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

## Acoustic Test Report

### Strata OSF 750-03

Hz	1/3 Octave
100	1.2
125	0.1
160	1.2
200	3.9
250	5.8
315	5.7
400	7.2
500	14.2
630	18.5
800	26.9
1000	34.7
1250	40.4
1600	48.5
2000	56.5
2500	58.7
3150	59.2
4000	58.5
5000	60.1



**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.