

MARLDON STRATA A100

150098

PRODUCT DESCRIPTION

Strata A100 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 A100 underlay offers greater stability and durability. Compatible with underfloor heating.



Dimensions	10mm x 1.3m x 5m
Roll Area	6.5m ²
Roll Weight	50kg
Density	750 kg/m ³
Mass	7.5 kg/m ²
Compression Loads (Over 10 Years)	10 kN/m ² = < 7% loss of thickness. 15 kN/m ² = < 10.6% loss of thickness. 20 kN/m ² = < 14.3% loss of thickness
Recycled Content	1.86 Recycled tyres per m ² - 12.09 Recycled tyres per roll 92% Recycled - 100% Recyclable
Performance	Reduction from Strata A100: ΔLw 23dB. Performance will vary with different floor make-up. Best performance achieved when incorporated in a fully bonded floor build up.
Tog Rating	0.094 - 0.9 Tog
Thermal Conductivity	0.133 W/mK
Thermal Resistance	0.094 m ² K/W
Temperature Stability	-35°c to +100°c

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

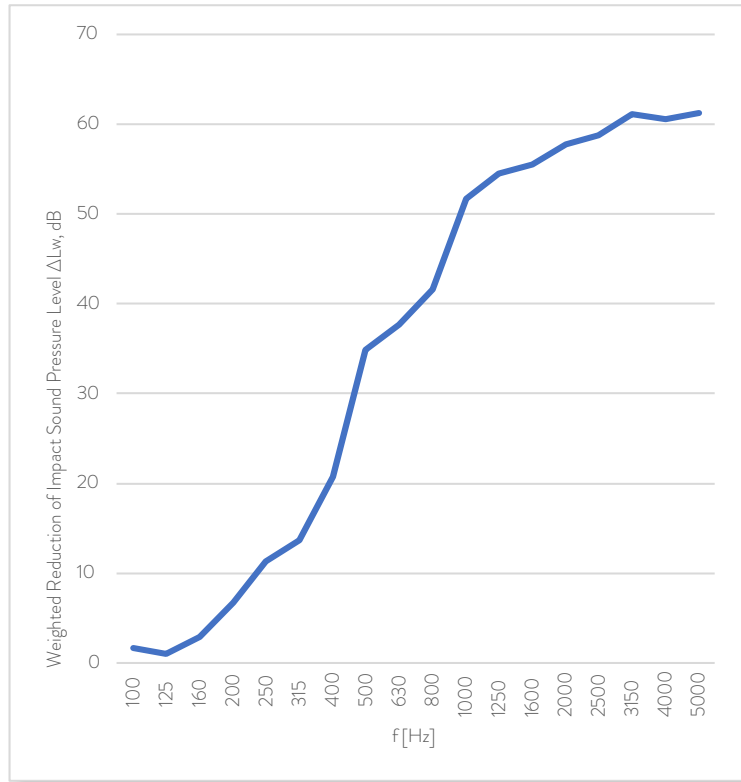
KEY BENEFITS

- ✓ 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 750-10

Hz	1/3 Octave
100	1.7
125	1
160	2.9
200	6.7
250	11.3
315	13.7
400	20.7
500	34.9
630	37.7
800	41.6
1000	51.7
1250	54.5
1600	55.5
2000	57.7
2500	58.8
3150	61.1
4000	60.6
5000	61.2



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.