

New Era 3mm Acoustic Underlay



Product Data

Description: New Era 3mm Acoustic Underlay is our highly effective and most slimline resilient layer available for the reduction of impact noise in concrete constructions. It's density gives minimal compression leaving you a long lasting and effective solution that can receive a wide range of floor finishes.

Dimensions:	3mm x 1.3m x 20m
Roll Area:	26 m ²
Roll Weight:	60 kg
Density:	750 kg/m ³
Mass:	2.25 kg/m ²
Recycled Content:	0.56 Recycled tyres per m ² - 14.5 Recycled tyres per roll 92% Recycled - 100% Recyclable

Features and 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 retro fit.



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Performance Data

Treated Structure: Impact Sound Pressure Level according to ISO 717-2
Receiving Room Volume: 221m³

Floor Build-Up: New Era 3mm Acoustic Underlay
140mm Concrete Floor

Acoustic Performance: Reduction from New Era 3mm Acoustic Underlay ΔL_w 19dB

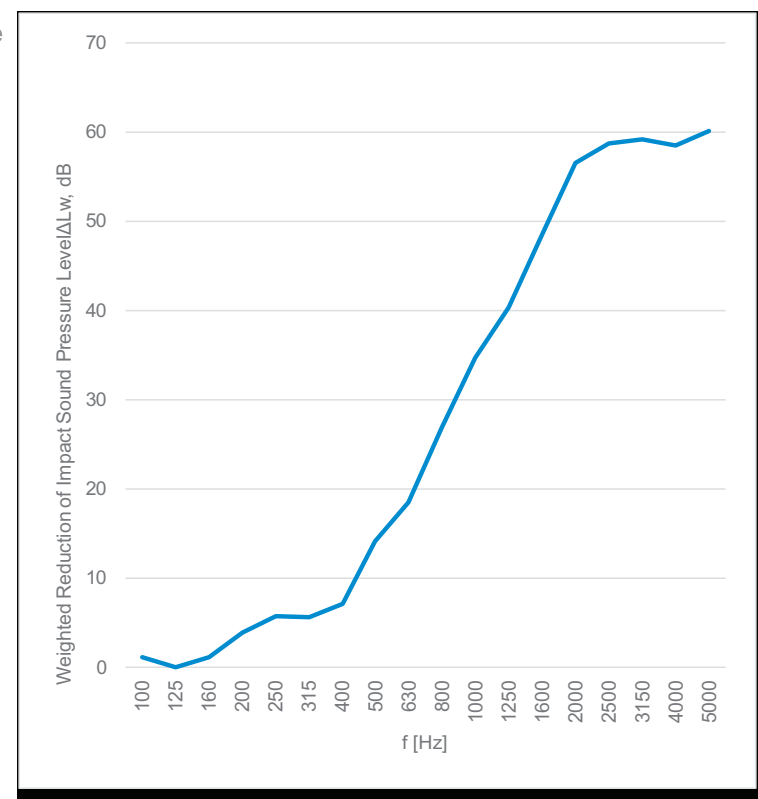
Performance will vary with different floor make-up.

Compression Loads: 10 kN/m² = < 7% loss of thickness.
(Over 10 Years) 15 kN/m² = < 10.6% loss of thickness.
20 kN/m² = < 14.3% loss of thickness.

Thermal Performance: Thermal Conductivity = 0.113 W/mK
Thermal Resistance = 0.028 m²K/W
Temperature Stability = -35°C to +100°C.

Hz	13Octave
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

Acoustic Test Report
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Rating in accordance to ISO 717-2