New Era 5mm Acoustic Underlay

Product Data

Description: New Era 5mm Acoustic Underlay is our highly effective and slim resilient layer available for the reduction of impact noise in concrete constructions. It's density gives minimal compression leaving you a long lasting and eff ective solution that can receive a wide range of floor finishes.

Dimensions:	5mm x 1.3m x 10m
Roll Area:	13 m²
Roll Weight:	50 kg
Density:	750 kg/m³
Mass:	3.75 kg/m²
Recycled Content:	0.93 Recycled tyres per m ² - 12.09 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 retroft.









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Performance Data

Impact Sound Pressure Level according to ISO 717-2 Receiving Room Volume: 221m ³	
New Era 5mm Acoustic Underlay 140mm Concrete Floor	
Acoustic Performance: Reduction from New Era 5mm Acoustic Underlay \(Lw 20dB \)	
Performance will vary with different floor make-up.	
10 kN/m ² = $< 7\%$ loss of thickness.	
$15 \text{ kN/m}^2 = < 10.6\% \text{ loss of thickness.}$	
20 kN/m ² = < 14.3% loss of thickness.	
Thermal Performance: Thermal Conductivity = 0.113 W/mK	
Thermal Resistance = 0.047 m ² K/W	
Temperature Stability = -35°c to +100°c.	

Acoustic Test Report New Era 5mm Acoustic Underlay



Rating in accordance to ISO 717-2

Hz

100

125

160

200

250

315

400

500

630

800

1250 1600

2000

2500 3150

4000

5000

