



Our Guarantee
Backed by a
10 year guarantee.

Soundsure 400

High Performance Acoustic Underlay

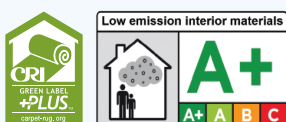
Soundsure 400 is an acoustic resilient layer that has been designed predominantly for laminates, wood flooring and carpet tiles, delivering superior impact sound performance.

Why Soundsure 400?

As it is manufactured from recycled rubber crumb, Soundsure is not only extremely environmentally friendly, but also provides long-lasting durability and high levels of acoustic performance.

Features and Benefits of Soundsure 400

1. Exceeds the performance standards required in the UK Building Regulations for sound insulation
2. Suitable for use with underfloor heating systems
3. Manufactured using recycled materials and fully recyclable
4. Recycled rubber crumb ensures long-lasting acoustic performance
5. Cushioned underlay to provide underfoot comfort
6. Rubber crumb provides superb stability, performance and durability
7. Will not deteriorate or collapse over time.
8. Reduces subfloor preparation times as screed or smoothing compounds are not required
9. Green Label Plus accredited for indoor air quality and low VOC emissions



Soundsure Applications

Soundsure 400 is widely used in developments where high levels of acoustic performance are required. Ideal for use with laminates, wood flooring and carpet tiles.

It is excellent for use in:

- Private Homes
- Hospitality
- Retail
- Healthcare
- Multi-Family Housing
- Apartments and Hotels
- Commercial Developments
- Care Homes
- Schools and Education Projects

Product and Technical Information

Product Construction	Rubber Crumb
Bonding Agent	Synthetic Latex
Product Thickness	4.0mm
Weight	1.60kg/m ² / 0.33 lb/ft ²
Density	400kg/m ³ / 25.0 lb/ft ³
Roll Size	1.37m x 11.00m / 54" x 36.09'
Area	15.07 m ² / 162.2 ft ²
Roll Weight	24.9 kg / 54.9 lb
Thermal Resistance (R)	0.95 Togs
Temperature Resistance	-40°C to +110°C / -40°F to +230°F

Acoustic Performance* (no floor covering and no ceiling below)

Measured improvement of impact sound (ΔLw) BS EN ISO 10140-3:2010	24 dB
Impact Insulation Class ASTM E989-21	IIC 57 / ΔIIC 27

Acoustic Performance* (with floor covering and no ceiling below)

	ΔLw	IIC	ΔIIC
Laminate (8mm)	19	52	23
Engineered Wood (14mm)	19	53	23
Carpet Tile (Bitumen Backed)	38	68	36

Acoustic Performance† (with floor covering and suspended ceiling)

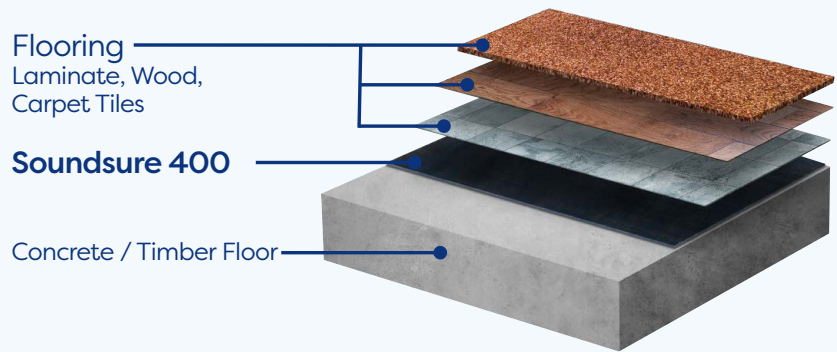
	HIIC	IIC	STC
Engineered Wood (3/8")	79	67	60

* Tested on a 140mm / 5½" thick concrete floor.

† Tested with a floor-ceiling assembly - 152mm / 6" thick concrete slab.

Soundsure 400 Components

- Soundsure 400 – Acoustic Underlay

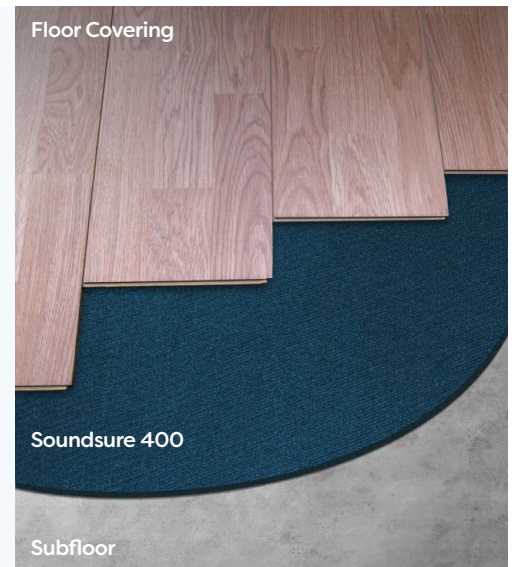


Soundsure 400 Acoustic Underlay

Soundsure 400 is a high performing acoustic underlay that significantly reduces the transmission of impact sound. It is quick and easy to work with and can be used with a wide range of floor coverings, providing long-lasting, outstanding acoustic performance and exceptional cushioning support.

Soundsure 400 can be used below the following types of floor coverings:

- Carpet Tiles
- Laminate (Click Joint)
- Engineered Wood (Tongue & Groove / Click Joint)
- Bamboo (Tongue & Groove)
- Parquet Floor (No Joint System)

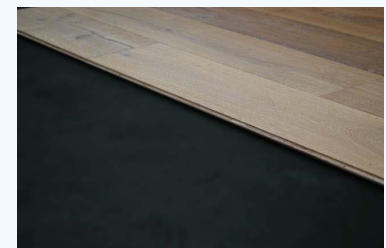
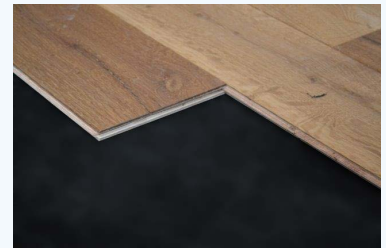


Installation – Points to Note

Full installation guidelines are available on request.

However, key points to observe are:

- The area of installation must be dry, smooth, dirt and dust free and weather tight.
- The subfloor must be sound and sufficiently level, with no imperfections protruding through Soundsure 400. If not, then a self-levelling screed may be required.
- When bonding to bare concrete, a suitable concrete sealer is recommended to ensure maximum adhesive coverage and bond strength.
- If moisture levels exceed 75% RH, seal the area with a suitable primer.
- Where possible, skirting board should be installed above Soundsure 400 in order to reduce flanking sound transmission.



Find out more about Sonixx

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