

## Soundsure 400 (SS400)

### TECHNICAL SPECIFICATION High Performance Acoustic Underlay for Base Floors

**Acoustic cushion underlay for use with laminates, engineered wood and carpet tiles**

Domestic and commercial use, suitable for heavy foot traffic  
Manufactured using Crumb Rubber. Backed by a 10 Year Guarantee  
Roll Size: 4.0mm – 1.37m x 11.0m (15.07m<sup>2</sup> / roll) / 54" x 36.09' (162.2ft<sup>2</sup> / roll)

Specification	BS Requirements	Result	Test Method
Nominal Thickness Nominal Weight Nominal Roll Weight Density		4.00 mm 1.60 kg/m <sup>2</sup> / 0.33 lb/ft <sup>2</sup> 24.9 kg / 54.9 lb 400 kg/m <sup>3</sup> / 25.0 lb/ft <sup>3</sup>	ISO 1765
Colour and Appearance  Compound  Bonding Agent  Packaging		Blue with black woven polypropylene backing  Crumb Rubber  Synthetic Latex  Clear Bag with Printed Insert	
Resistance to Breaking or Cracking	No cracks longer than 50mm	Pass - No cracks visible	BS EN 14499 & BS 5808
Odour  Antimicrobial and Mildew Resistant		No objectionable odour  Pass	
Thermal Resistance (R)		0.95 Togs	BS 4745
Acoustic Performance  Measured Improvement of Impact Sound ( $\Delta L_w$ )  Laminate (8mm) Engineered Wood (14mm) Carpet Tile (Bitumen Backed)  Impact Insulation Class (IIC)  Engineered Wood ( $\frac{3}{8}$ "		24 dB $\Delta L_w$ *  19 dB $\Delta L_w$ / IIC 52 / $\Delta$ IIC 23 * 19 dB $\Delta L_w$ / IIC 53 / $\Delta$ IIC 23 * 38 dB $\Delta L_w$ / IIC 68 / $\Delta$ IIC 36 *  IIC 57 / $\Delta$ IIC 27 *  IIC 67 / HIIC 79 / STC 60 **	BS EN ISO 10140-3: 2021 & BS EN ISO 717-2: 2020  BS EN ISO 10140-3: 2021, BS EN ISO 717-2: 2020, ASTM E989-21 & ASTM E2179  ASTM – E989-21  ASTM – E492-09, ASTM – E3222-04 & ASTM – E90-09

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#### **ECOLOGICAL ASPECTS**

SS400 is solvent free and does not contain any other ozone depleting substances.  
The renewal resources used in the product do not compete with food crops (during growth).

#### **HEALTH & SAFETY**

SS400 does not require special health and safety measures to be taken. When installing floor coverings, it is essential to adhere to the manufacturer's advice on protection.

#### **PROCESSING**

The approval of flooring and adhesive manufacturers must be obtained prior to the installation of the product.

#### **GREEN CREDENTIALS**

<b>Green Features</b>	<b>Description</b>	<b>LEED Programme</b>
Recyclable	At the end of the underlay's useful life, it can be 100% recycled	MR 2.0: Points Available It can be recycled
Recycled Content	Contains not less than 65% post-consumer recycled material	MR 4.0: Points Available Recycled Content
Indoor Air Quality	Meets or exceeds the industry standard for indoor air quality as established by the CRI Green Label Programme	IEQ 4.3: Points Available Product is Green Label Certified
Regional Materials	Production Facility – Haslingden BB4 4LS, UK Where used within 500 miles of the Production Facility	MR 5.0: Points Available

LEED points must be considered along with other building components and must be determined by the specifiers/architect or LEED accredited professional.

#### **RESPONSIBLY MADE**

SS400 is manufactured using recycled materials:

Post Consumer	65%
Pre Consumer	0%
Virgin	35%

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**Please Note:**

- The nominal roll dimensions have been quoted. These may vary slightly but will comply with the requirements of BS EN 14499:2015.
- SS400 must not be installed at temperatures below 10°C (50° F), when using as an acoustic underlay.
- For further information on the guarantee and product warranty, please refer to the Interfloor guarantee document which is available from the [www.interfloor.com/commercial/sonixx](http://www.interfloor.com/commercial/sonixx) website.
- \*Tested on a 140mm / 5½" concrete floor with no floor covering and no ceiling system.
- \*\*Tested with a floor-ceiling assembly - 152mm / 6" thick concrete slab with floor covering.
- SS400 is produced in a facility accredited to ISO 9001, 14001 and 45001.

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Interfloor Limited

Tel: +44 (0)1706 213131

Email: [sonixx@interfloor.co.uk](mailto:sonixx@interfloor.co.uk)

Web: [www.interfloor.com/sonixx](http://www.interfloor.com/sonixx)