

## Soundsure 300 (SS300)

### TECHNICAL SPECIFICATION Acoustic Resilient Layer for Underscreed Applications and Base Floors

**Acoustic cushion underlay designed to reduce the transmission of impact sound through floor screed applications**  
**Also for use with laminates, engineered wood, bamboo, parquet, carpet tiles and ceramic / porcelain / natural stone tiles**

Domestic and commercial use, suitable for heavy foot traffic  
Manufactured using Crumb Rubber. Backed by a 10 Year Guarantee  
Roll Size: 3.0mm – 1.00m x 10.00m (10.0m<sup>2</sup> / roll) / 39.37" x 32.81' (107.6ft<sup>2</sup> / roll)

Specification	BS Requirements	Result	Test Method
Nominal Thickness Nominal Weight Nominal Roll Weight Density		3.00 mm 1.29 kg/m <sup>2</sup> / 0.26 lb/ft <sup>2</sup> 12.9 kg / 28.44 lb 400 kg/m <sup>3</sup> / 25 lb/ft <sup>3</sup>	ISO 1765
Colour and Appearance  Compound  Bonding Agent  Packaging		Black rubber crumb on a non-woven polypropylene backing  Recycled tyre tread (minimum 70%)  Synthetic Latex  Roll Form in a 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		No objectionable odour	
Antimicrobial and Mildew Resistant		Yes	
Moisture Tolerance (RH%)		75% Relative Humidity  99% Relative Humidity	Without DPM (Visqueen)  With 6 mil DPM (Visqueen)
Thermal Resistance (R)		0.60 Togs	BS 4745
Acoustic Performance  Measured Improvement of Impact Sound ( $\Delta L_w$ )  Prefab Concrete Screed (48mm)  Impact Insulation Class (IIC)		21 dB $\Delta L_w$ *  19 dB $\Delta L_w$ / IIC 52 / $\Delta$ IIC 23 *  IIC 54 / $\Delta$ IIC 25 *	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
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Flammability Hot Metal Nut Test (in conjunction with Axminster 80:20 carpet)		Low Radius of Emission	
Reaction to Fire Test performed on SS300 below Carpet		Class B <sub>FL</sub> -s1	EN 13501

#### ECOLOGICAL ASPECTS

SS300 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

SS3000 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

Green Features	Description	LEED Programme
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 70% 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

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

#### RESPONSIBLY MADE

SS300 is manufactured using recycled materials:

Post Consumer	70%
Pre Consumer	0%
Virgin	30%

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#### **TOXICOLOGY REPORT FOR RUBBER GRANULE**

In accordance with EN 71-3:2019+A1:2021, a toxicology test has been carried out on test specimen performance infill. The specimen submitted met the requirements of EN 71-3:2019+A1:2021 when tested under laboratory conditions.

#### **POLYCYCLIC AROMATIC HYDROCARBON (PAH) ANALYSIS FOR RUBBER GRANULATE**

In accordance with the EU-8 PAH, the test specimen submitted met the requirements of REACH regulation Annex XVII Entry 50 when tested under laboratory conditions.

#### **Please Note:**

- The nominal roll dimensions have been quoted. These may vary slightly but will comply with the requirements of BS EN 14499:2015.
- SS300 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.
- SS300 is produced in a facility accredited to ISO 9001.