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10 year guarantee.

# Resilient 250

## Soft Floor Covering / Acoustic Underlay

Resilient 250 is a high performing acoustic resilient layer that has been designed to significantly reduce impact sound. It can be used as used as a Soft Floor Covering or as an Acoustic Underlayment.

### Why Resilient 250?

Resilient 250 is quick and easy to work with and can be used with a wide range of floor coverings, providing exceptional acoustic performance to the finished installation. Being manufactured from sponge rubber, it provides long-lasting durability and strong resistance to foot traffic, prior to the floor covering being installed.

Resilient 250 exceeds the requirements for a Soft Floor Covering in Approved Document E (England & Wales), Technical Booklet G (Northern Ireland) and Section 5 of the Building Standards in Scotland.

### Features and Benefits of Resilient 250

1. **Achieves Approved Document E performance standards** for Floor Type 1
2. **Significantly reduces impact sound** at source
3. **Suitable for a variety of floor finishes**
4. **Quick and easy to install**
5. **Will not deteriorate or collapse over time**
6. **Can be used with underfloor heating systems**
7. **Green Label Plus accredited** for indoor air quality and low VOC emissions



### Resilient Applications

Resilient 250 is widely used in developments where high levels of acoustic performance are required. It is therefore used in applications requiring compliance with Approved Document E – Floor Type 1 (concrete base with ceiling and soft floor covering). It must be bonded to the sub floor to comply with Approved Document E.

It is excellent for use in:

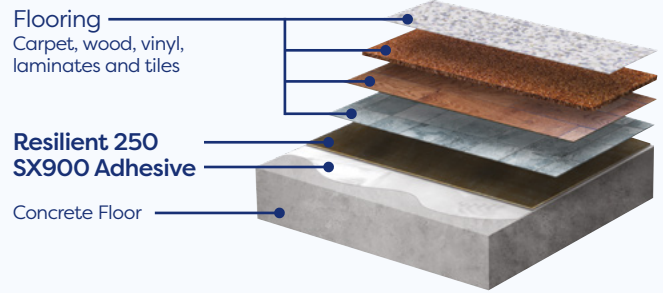
- Apartments
- Hotels
- Schools and education projects
- Commercial developments
- Care homes

### Product and Technical Information:

- Product construction: sponge rubber
- Bonding agent: synthetic rubber
- Product thickness: 2.5mm
- Weight: 2.40kg/m<sup>2</sup> / 0.49 lb/ft<sup>2</sup>
- Density: 960kg/m<sup>3</sup> / 59.9 lb/ft<sup>3</sup>
- Roll size: 1.37m x 7.30m / 4' 6" x 23' 11½"
- Area: 10m<sup>2</sup> / 107.6ft<sup>2</sup>
- Roll weight: 24.0kg / 52.9 lb
- Measured improvement of impact sound ( $\Delta L_w$ ): 19 dB  
BS EN ISO 10140-3:2010
- Impact Insulation Class (IIC): 51  
ASTM E989-21
- Reaction to Fire: Class BFL-s1  
Test performed on RS250 with no floorcovering
- Thermal Resistance (R): 0.23 Togs
- Temperature resistance: -40°C to +110°C

## Resilient 250 Components

- Resilient 250 – Soft Floor Covering
- Sonixx SX900 Flooring Adhesive



## 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 Resilient 250. 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.
- Sonixx SX900 adhesive should be used to permanently bond Resilient 250 to the subfloor.
- Where possible, skirting board should be installed above Resilient 250, in order to reduce flanking sound transmission.
- When installing ceramic tiles, stone and vinyl flooring, leave at least a 3mm gap around the perimeter, which should be filled with a flexible sealant.

## Resilient 250 Acoustic Underlay

Resilient 250 is a versatile, high performing acoustic underlay that has been developed to significantly reduce the transmission of impact sound. The underlay is quick and easy to work with and can be used with a wide range of floor coverings, providing long-lasting acoustic performance and exceptional cushioning support.

As an acoustic underlay, Resilient 250 can be used below the following types of floor coverings:

- Carpet Tiles
- Broadloom Carpet
- Natural Floor Coverings
- Engineered Wood (Tongue & Groove)
- Laminate (Click Joint)
- Solid Wood (Tongue & Groove)
- Bamboo (Tongue & Groove)
- Parquet Floor (no joint system)
- Luxury Vinyl Tiles
- Woven Vinyl Tiles
- Loose Lay Vinyl Tiles
- Ceramic / Porcelain / Natural Stone Tiles



## Find out more about Sonixx

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