



Our Guarantee
Backed by a
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 a Soft Floor Covering or as an Acoustic Underlay.

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:

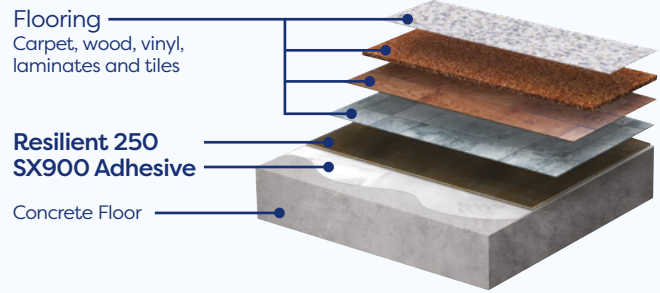
- Apartments
- Hotels
- Schools and education projects
- Commercial developments
- Care homes

Product and Technical Information:

- Product construction: sponge rubber
- Bonding agent: synthetic rubber
- Product thickness: 2.5mm
- Weight: 2.40kg/m² / 0.49 lb/ft²
- Density: 960kg/m³ / 59.9 lb/ft³
- Roll size: 1.37m x 7.30m / 4' 49" x 23' 95"
- Area: 10m² / 107.6ft²
- Roll weight: 24.0kg / 52.9 lb
- Measured improvement of impact sound (ΔL_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

E: sonixx@interfloor.com or visit: interfloor.com/sonixx

Version Date: November 2021

