

CASE STUDY

Resilient 250 Installation as Soft Floor Covering below Carpet and Vinyl

Multiple Apartments
in Watford, UK



Products Used:
**Sonixx Resilient 250 &
SX900 Adhesive**

Project Size:
**16,000m²
(172,000 sq. ft.)**

Floor Finish:
**Cavalier Carpet
& Forbo Surestep
Laguna Vinyl (2mm)**

Distributor:
**Tekfloor Ltd,
Rotherham, UK**

Flooring Contractor:
**Blade Flooring Ltd,
Bedford, UK**

Acoustic Performance:
19 dB ΔLw / IIC 51/ΔIIC 23

The Sonixx Resilient 250 was installed as a Soft Floor Covering and bonded to the top of the concrete base. It achieves the Approved Document E UK Building Regulations (The Resistance to the Passage of Sound) performance standards for Floor Type 1.

Resilient 250 was bonded to the concrete base with the Sonixx Flooring Adhesive. In the living areas of 255 apartments, an 8mm PU Foam underlay (Super 8) was loose laid over Resilient 250 and a Cavalier carpet stretch-fitted on top.

In the bathrooms, the Forbo Surestep Laguna vinyl was installed directly onto the Resilient 250 using F46 (Pressure Sensitive Acrylic Adhesive) from F. Ball and Co Ltd.

Resilient 250 is a 2.5mm thick, high performing acoustic underlay manufactured using sponge rubber. It achieves an acoustic performance of 19 dB (ΔLw), significantly reducing the transmission of impact sound. It is a versatile underlay and can be used below various floor coverings including carpet, wood, laminate, luxury vinyl tiles, vinyl and ceramic / porcelain / natural stone tiles.

The installers had nothing but positive feedback on how quick and easy the underlay was to work with. At only 24kg (43 lb) per roll, it is easy to distribute around site. The underlay therefore facilitated a simple, quick, clean and cost-effective installation.



Features of Resilient 250:

- Extremely installer friendly; quick and simple to work with and easy to distribute around site.
- As it is manufactured from sponge rubber, it does not mark the walls unlike alternative rubber crumb underlays.
- Ideal for use in Private Homes, Hospitality, Retail, Healthcare, Multi-Family Housing, Apartments and Hotels, Commercial Developments, Care Homes, Schools and Education Projects.
- With a Thermal Resistance of 0.23 Togs, RS250 is excellent for use with underfloor heating systems.
- Durable - provides long-lasting performance and will not deteriorate or collapse over time.
- Hygienic - naturally anti-microbial, anti-allergy and resistant to decay with low VOCs.



Find out more about Sonixx

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

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