

SOUNDPROOFING RESILIENT FLOOR COVERINGS

Enhancing living comfort
with REGUPOL impact
sound insulation



DISCOVER THE ELEGANCE OF **RESILENT FLOORING** TOGETHER.

In the bustling heart of the city, where the pulse of urban life beats strongest, **REGUPOL** emerges as a beacon of tranquility for resilient flooring. The **REGUPOL sonus multi 3** is a testament to the company's innovation, providing a smooth surface that pairs perfectly with the sleek appeal of resilient floors.

It's not just about reducing noise; it's about enhancing the quality of life for residents, creating a serene sanctuary amidst the urban sprawl. **REGUPOL's** dedication to sustainability and aesthetic freedom allows residents to indulge in a contemporary flair without compromising on environmental values or personal taste.

Collaboration is at the heart of **REGUPOL's** approach; by combining our extensive experience and technical knowledge with the unique requirements of each project. This commitment to working closely with our clients underscores a shared goal: to achieve superior acoustic performance that makes floors sound great.

We've got it covered.

SOUNDPROOFING RESILIENT FLOORS

REGUPOL SONUS MULTI 3

The **REGUPOL sonus multi 3** acoustic underlay is a high-performance solution specifically engineered to minimize the transmission of impact sound, such as footfall noise, in various living and working environments.

Its unique composition of pre-consumer polyurethane foam and cork elastomer, combined with a factory-sanded smooth surface, allows for effective bonding with a range of resilient floor coverings, including sheet vinyl, vinyl planks, carpet tiles, and cork. Additionally, the absence of SBR rubber in the underlay composition avoids issues such as plasticiser migration, delamination, and discolouration.

For those considering soundproofing their resilient floors, it is important to verify with the manufacturer that the

specific brand, type, and thickness of vinyl are approved for use with the **REGUPOL sonus multi 3** acoustic underlay and the appropriate adhesives. This not only guarantees the performance of the soundproofing system but also preserves the warranty of the products used.



Available in:

Rolls 1m x 20lm

Thickness 3mm

ACOUSTICAL PERFORMANCE

VINYL PLANK Normalized Impact Sound Pressure Levels

Tested at CSIRO Highbett, in accordance with ISO 140-8: 1997 (E), ISO 140-6, AS ISO 717.2-2004, ASTM E989-89. Test area 11.7m². Results can vary when different floors are installed and/or if bonded.

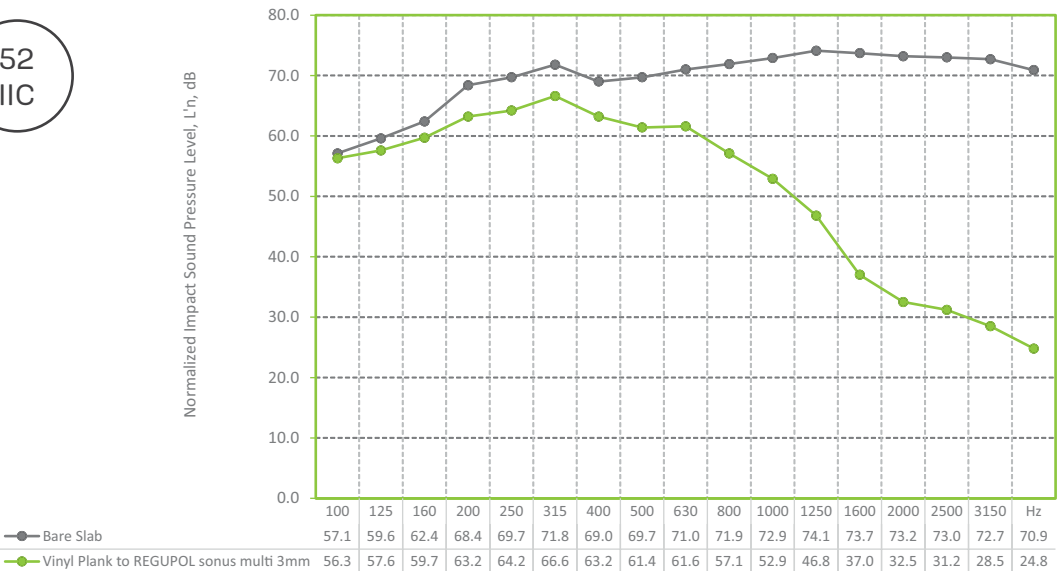
REPORT RG019

Layer of 2mm Vinyl Planks, bonded to **REGUPOL sonus multi 3mm** bonded to 150mm Concrete Slab (no ceiling)

$L_{n,w}$
58dB

ΔL_w
18dB

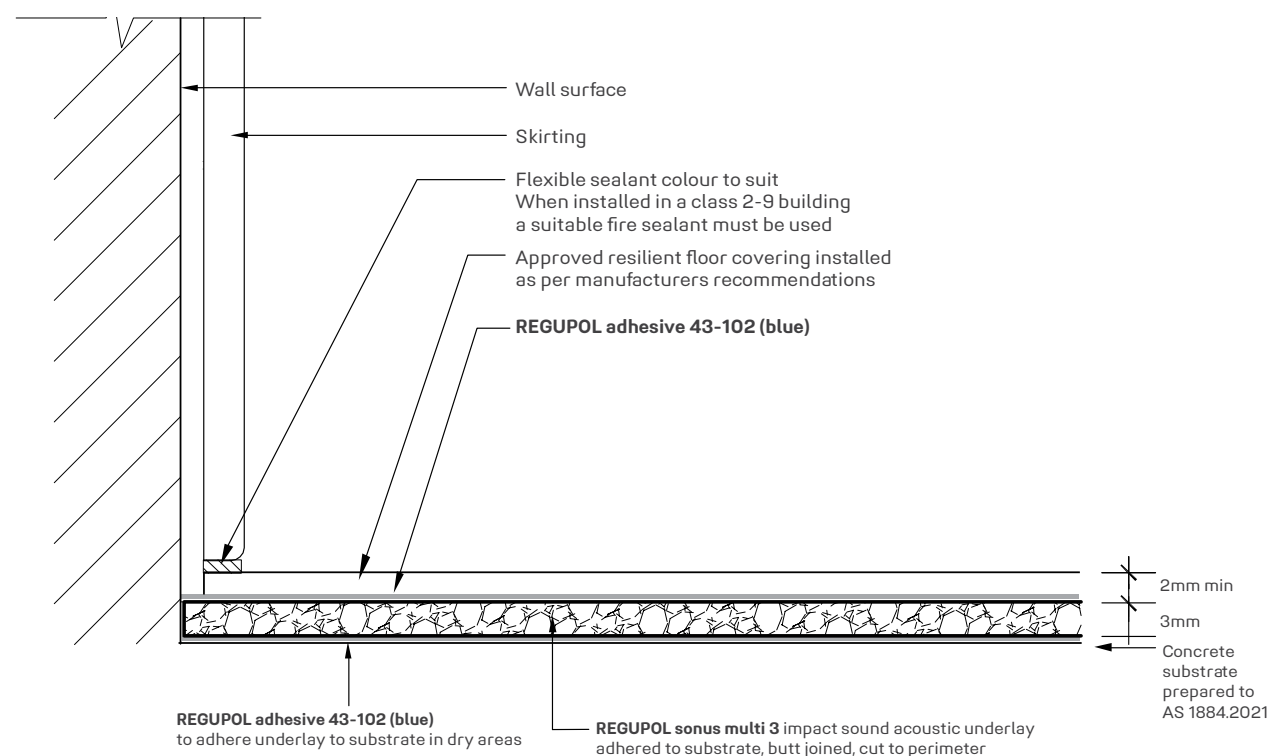
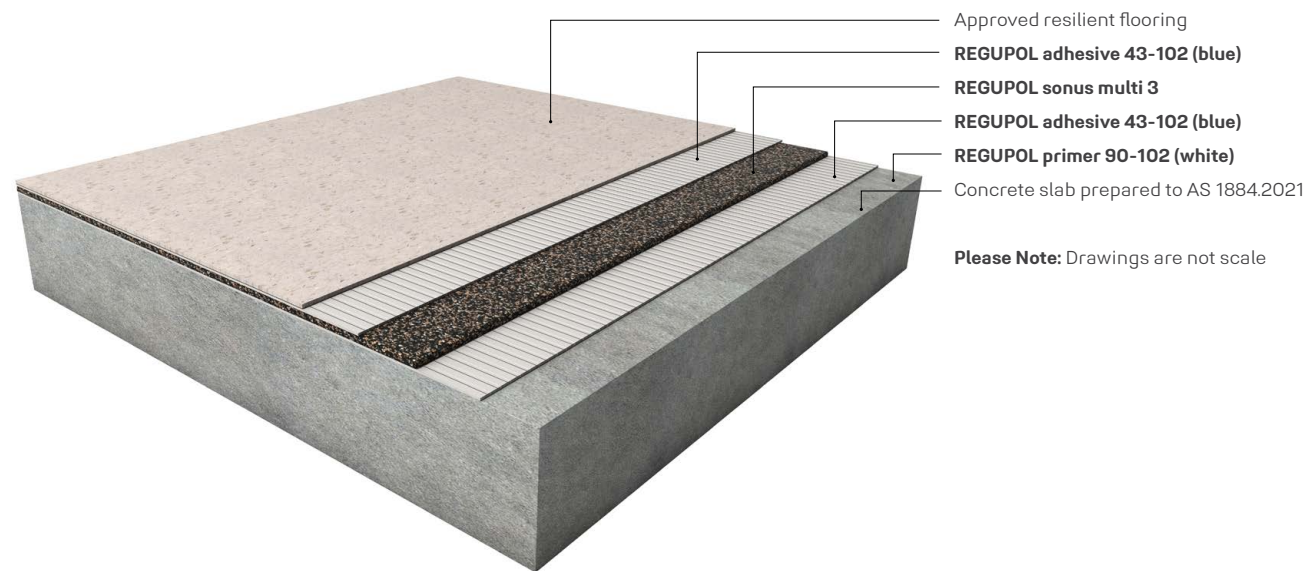
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INSTALLATION IN DRY AREAS USING REGUPOL adhesive 43-102 (blue)

REGUPOL adhesive 43-102 (blue) multi-use flooring adhesive is a versatile, water-based polymer adhesive designed to securely bond **REGUPOL sonus** acoustic underlay products to concrete and various approved substrates. It is suitable for indoor dry-area installations. However, it is important to note that this adhesive is unsuitable for wet, external, high-thermal and high-impact applications, so it should be used within specified conditions to maintain its effectiveness. For porous substrates, apply the **REGUPOL primer 90-102 (white)**.

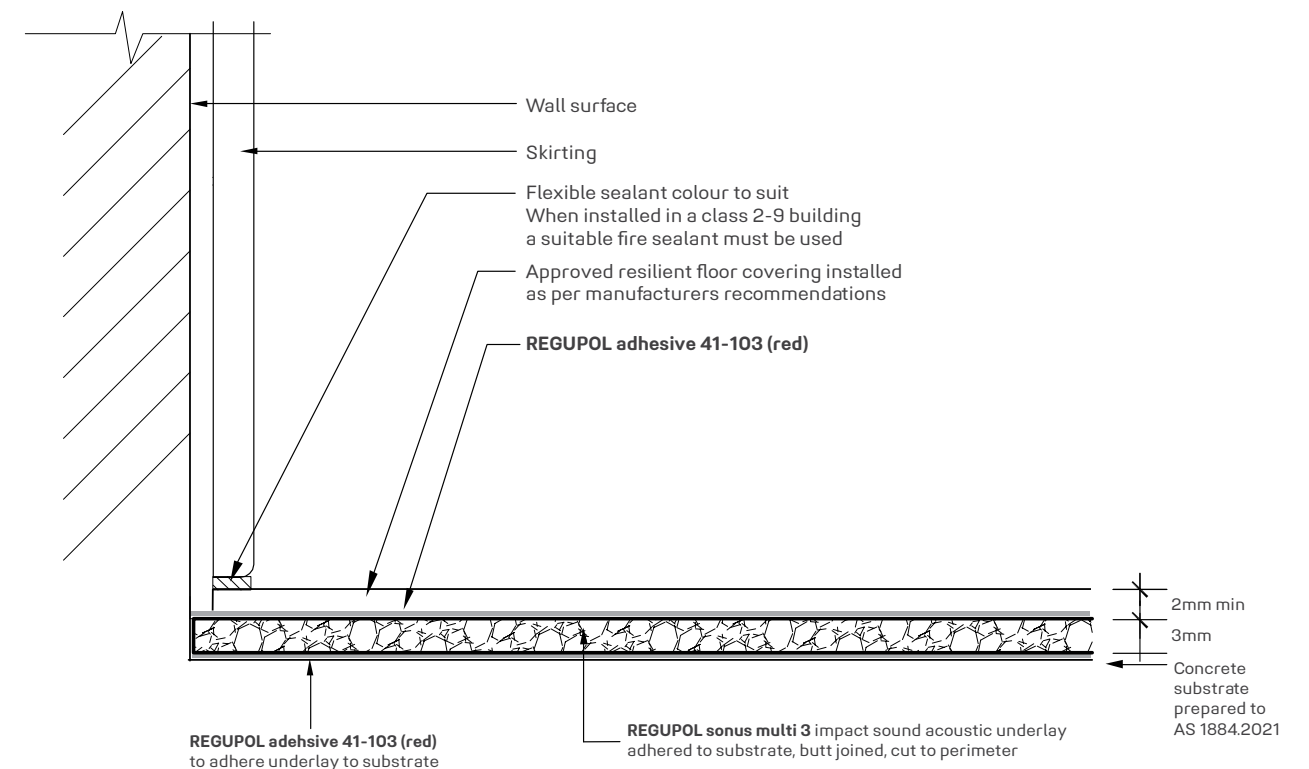
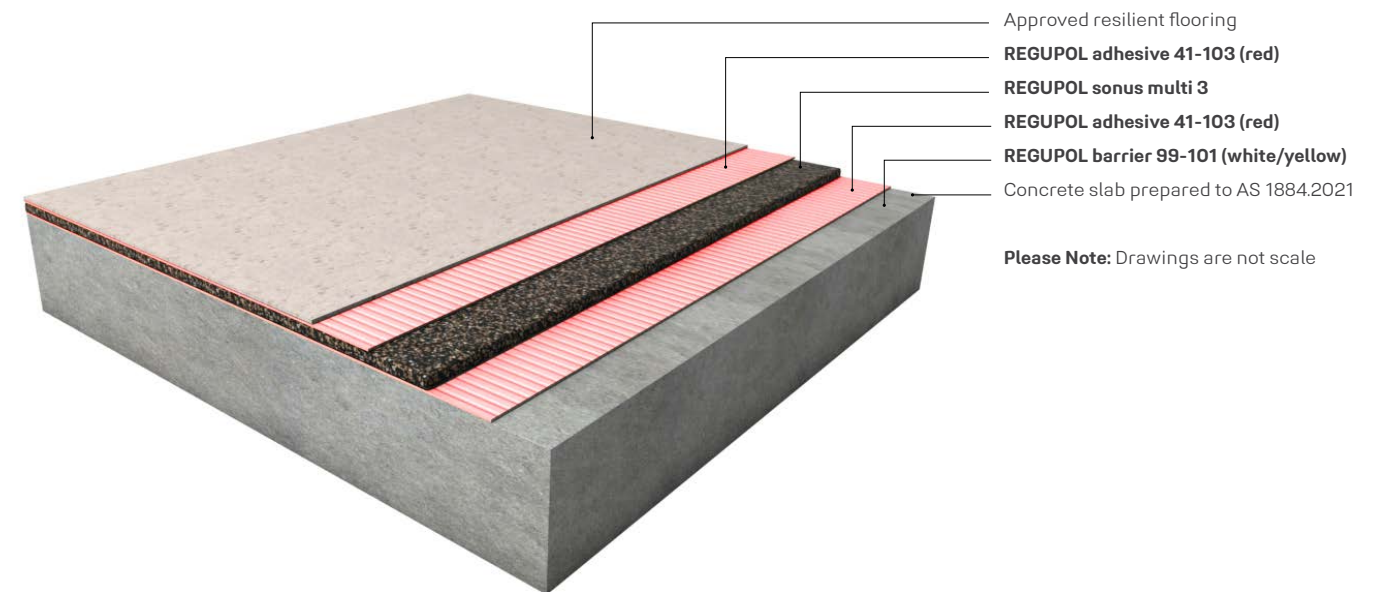
Ensuring the compatibility of the **REGUPOL sonus** acoustic underlay product with the selected primer, moisture barrier, and adhesive/s with the substrate is a vital step in the installation process. **REGUPOL** offers many detailed installation guides for various product applications and systems. It is recommended that these resources be reviewed thoroughly before beginning the installation of this product.



INSTALLATION IN OTHER AREAS USING REGUPOL adhesive 41-103 (red)

REGUPOL adhesive 41-103 (red) resilient two-part adhesive is a specialised two-part polyurethane product designed for bonding **REGUPOL sonus** acoustic underlays products. It is particularly effective in environments that experience high impact, significant temperature fluctuations, and exposure to sunlight. Some vinyl manufacturers also prefer this adhesive for warranty purposes. Apply the **REGUPOL barrier 99-101 (white/yellow)** if the moisture content in the subfloor exceeds the required levels.

REGUPOL do not provide wet area details for approved resilient floors over **REGUPOL sonus multi 3** acoustic underlay. This should be obtained by a waterproofing company or consultant for further advice. Alternatively, considering one of our **REGUPOL sonus** under screed systems may be more beneficial. Please contact us for further assistance.



BUILD ON A TRADITION OF SUSTAINABILITY

REGUPOL Australia has a long history in sustainable rubber flooring and noise and vibration solutions, with over 35 years of experience supporting the Australian construction industry. Internationally, **REGUPOL Germany** marks 70 years of operation as a family-run business with an enduring legacy of innovation in recycled product manufacturing. **REGUPOL** remains committed to developing high-quality, sustainable products for the flooring, industrial, and construction sectors.

REGUPOL's focus on sustainability—producing eco-friendly, high-quality products—is reflected in its GECA and EPD certifications. These trusted accreditations demonstrate our dedication to responsible manufacturing and environmental stewardship. They facilitate certification for green building design projects, helping to meet sustainability criteria efficiently and effectively.

Whether it's a new construction project or renovation, **REGUPOL's** expertise and certified products provide reliable solutions that contribute to both the functional performance and sustainability of the building.



NATSPEC

Need help writing a specification?

The **REGUPOL sonus** range of acoustic underlays is installed under various floor coverings and standards.

To simplify the specification process, follow the NATSPEC branded work section: 0473p REGUPOL (acoustic floor underlays). Visit www.natspec.com.au

INSTALLATION GUIDELINES

The **REGUPOL sonus** acoustic underlays are engineered to meet the highest sound insulation standards, providing an effective solution for noise control in various environments. To ensure optimal performance, closely following the manufacturer's installation guidelines is crucial. This includes adhering to the Australian Standard AS 1884:2021 for resilient sheet and tile flooring installation practices.

OUR ACCREDITATIONS



GECA

The early adoption of third-party certification has seen many **REGUPOL sonus** acoustic underlay products used in sustainable building projects. The **REGUPOL sonus** acoustic range has been GECA certified since 2008. The GECA standard is GECA FCv3.0-2021 Floor Coverings. Visit www.geca.eco



EPD

The **REGUPOL** rolls and sheets Environmental Product Declaration, as per ISO 14025 and EN 15804+A2, covers all **REGUPOL sonus** acoustic underlay products. Visit www.eco-platform.org

GBCA RESPONSIBLE PRODUCT VALUE

Green Star is the Green Building Council of Australia's sustainability rating system for the built environment. It is used to rate new and existing buildings, new fit-outs, and new precinct developments. The Green Building Council of Australia recognises Responsible Products that may contribute to a Green Star rating through its Responsible Credits.

This **REGUPOL sonus multi 3** product has been certified by GECA FCv3.0-2021 and EPD to ISO 14025 and EN 15804+A2.

GECA FCv3.0-2021 and EPD to ISO 14025 and EN 15804+A2 is a recognised Product Certification Initiative within the Green Star rating tools. Products certified by this initiative may contribute to a project's Green Star rating through the Responsible Products credits.

Responsible Product Value:

This initiative's Responsible Product Value is 18

Products may be certified by more than one initiative. This may increase the RPV of the product. Information on initiatives and how products can contribute to a Green Star rating can be found at: new.gbca.org.au/green-star/the-responsible-products-program



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