

REGUPOL® ACOUSTIC UNDERLAY COLLECTION

# ACOUSTIC SYSTEM FOR POLYURETHANE FLOORS

with Regupol® 4515 4.5mm

Regupol®

Variofoam®



**Regupol**  
Australia

### Regupol® 4515 4.5mm

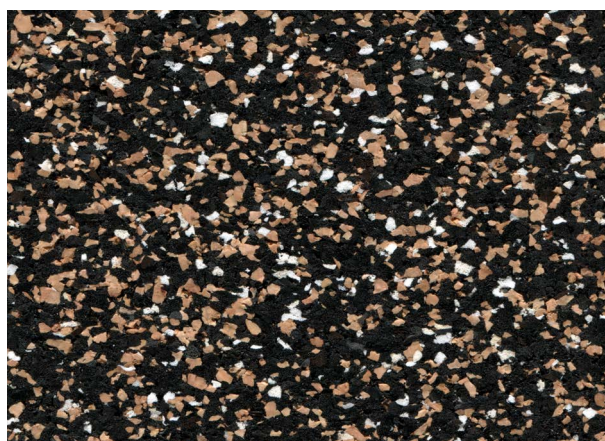
The **Regupol® 4515 4.5mm** is a soundproofing acoustic underlay manufactured from high quality PUR foam granulates and cork, bound with polyurethane. This unique material composition produces a shore hardness which makes the acoustic underlay suitable to be installed directly under approved tile, stone and marble floor finishes.

#### Benefits include:

- **Regupol® 4515 4.5mm** has been independently tested to show it meets the Deemed-to-Satisfy provisions of the current building regulations in accordance with the Building Code of Australia Part F5.4 Sound Insulation Rating of Floors (Impact)
- Offers long term performance without collapse or bottoming out
- Minimal creep, even under high loads
- Quick and easy to install
- Minimises construction heights
- High quality and exact material thickness
- Suitable for use with under floor heating
- Protects expansion joints
- Light weight material
- PVC free
- Excellent cohesion qualities
- Low odour
- Low VOC
- Available in modular tiles for fast installation.
- Crack suppressant
- Made from recycled materials
- German quality guaranteed
- Manufactured and certified to OHAS 18001:2007, DIN ISO 9001:2008, DIN ISO 14001:2004 Management Systems
- Due to no rubber content, **Regupol® 4515** does not cause plasticizer migration
- A Good Environmental Choice Australia certified sustainable product (GECA)
- Specify this acoustic system using NATSPEC



Typical application under polyurethane floors



Regupol® 4515 4.5mm impact sound acoustic underlay

#### Product Data

Roll Length	20lm
Roll Width	1.0m
Modular Tiles	1050mm x 500mm
Thickness	4.5mm



#### Acoustic Performance

**Regupol® 4515 4.5mm** is a soundproofing acoustic underlay designed to isolate approved floor finishes from the main structure of the building, reducing impact energy generated by general footfall.

*NOTICE: Test data is based on periodical testing of test specimen taken from the actual manufacturing process and show the average values measured. The publishing of these technical data does not relieve the user of the necessity to test the relevant product for physical fitness based on a specific application.*

# Polyurethane Floors

## with Regupol® 4515 4.5mm

This system reflects a typical residential application with approved polyurethane floors. For all other applications please contact Regupol's Technical Division. Please note that the drawings are not to scale and are for illustration purposes only.

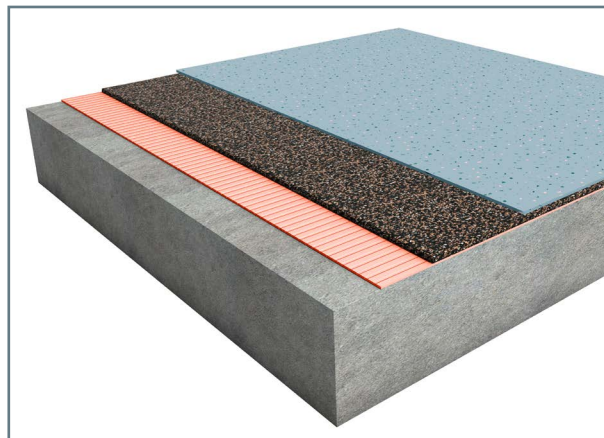
### Adhesive and Sealer Information



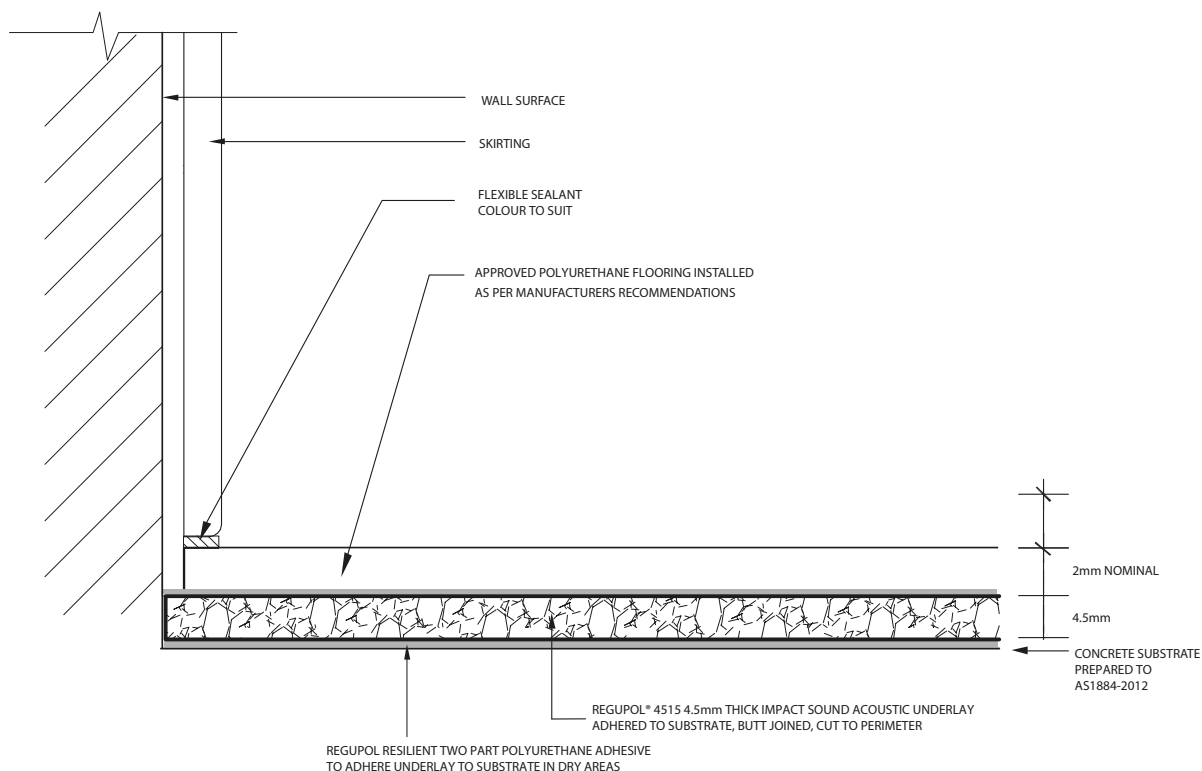
**Regupol Resilient Two Part Polyurethane Adhesive** is a solvent free non-flammable adhesive. This adhesive was designed to bond Regupol® products to most common interior and exterior substrates. The adhesive is suitable for wet areas.



**Regupol Two Part Water Based Epoxy Moisture Sealer** is a high performance; water based two component epoxy moisture and vapour barrier formulated to prevent water seepage and permeation in building and construction substrates. Use when concrete substrate relative humidity exceeds 85%.



- 1 Approved Polyurethane Flooring (2mm nominal)
- 2 Regupol® 4515 4.5mm Acoustic Underlay
- 3 Regupol Resilient Two Part Polyurethane Adhesive
- 4 Concrete Substrate Prepared to AS1884-2012 Use Regupol Two Part Water Based Epoxy Moisture Sealer if relative humidity exceeds 85%.



**DISCLAIMER:** The above information is given in good faith as a suggested guide in specifying Regupol® Impact Sound Acoustic Underlays, no guarantee or warranty is expressed or implied. Any circumstances not covered by this guide should be referred to Regupol (Australia) Pty Limited or its Distributors for any particular attention required. There are, however, many factors that may affect the outcome of projects using our products that are beyond our control. Regupol (Australia) Pty Limited cannot be responsible for poor climate conditions, inadequate surface preparation, poor application techniques, not observing curing times, improper thinning of adhesives or any variable beyond our control. No liability is accepted by Regupol (Australia) Pty Limited, our employees, distributors, representatives or agents, for any loss or damage, direct or indirect, that may result from using the information and/or suggestions as actual conditions for use that are beyond our control. All materials should be checked/tested for their suitability to the prevailing site conditions.