

REGUPOL® ACOUSTIC UNDERLAY COLLECTION

ACOUSTIC SYSTEM FOR T&G/OVERLAY TIMBER OVER PLYWOOD

with Regupol® 4515-S 3mm

Regupol®

Variofoam®



Regupol
Australia

Regupol® 4515-S 3mm

Regupol® 4515-S 3mm is a soundproofing acoustic underlay manufactured from high quality PUR foam granulates and cork, bound with polyurethane. This unique material composition allows the acoustic underlay to be compatible with PVC flooring and will not cause plasticizer migration. The sanded finish and smooth texture of the **Regupol® 4515-S 3mm** enables the resilient flooring to be installed directly to the underlay, without the need for separation layers.

Benefits include:

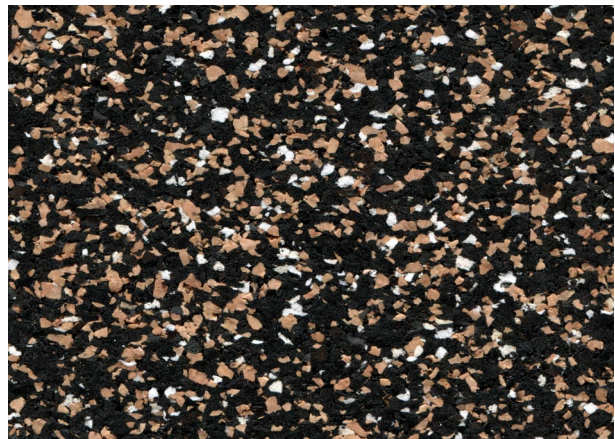
- **Regupol® 4515-S 3mm** has been independently tested to show it meets the Deemed-to-Satisfy provisions of the current building regulations in accordance with the Building Code of Australia Part F5.4 Sound Insulation Rating of Floors (Impact)
- Offers long term performance without collapse or bottoming 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
- 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-S 3mm** does not cause plasticizer migration
- The product is sanded on one side
- A Good Environmental Choice Australia certified sustainable product (GECA)
- Specify this acoustic system using NATSPEC

Product Data

Roll Length	20m
Roll Width	1.0m
Thickness	3mm



Typical application under T&G and overlay timber flooring with plywood



Regupol® 4515-S 3mm impact sound acoustic underlay

Acoustic Performance

Regupol® 4515-S 3mm is a soundproofing acoustic system 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.

T&G/Overlay Timber Floor over Plywood

with Regupol® 4515-S 3mm

This system reflects a typical residential application with approved T&G and overlay timber floor coverings. 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



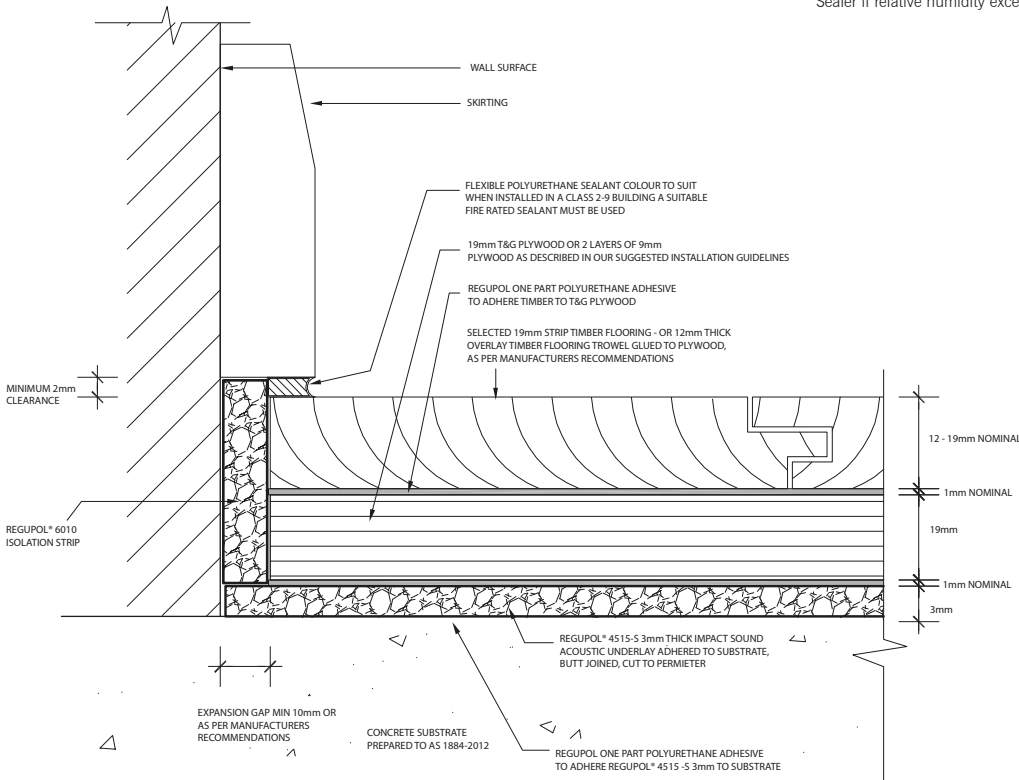
Regupol One Part Polyurethane Adhesive is an elastomeric moisture cured, solvent free polyurethane adhesive. The adhesive is suitable for internal and external wet and dry areas.



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 T&G or Overlay Timber Flooring
- 2 Regupol One Part Polyurethane Adhesive
- 3 19mm T&G Plywood or 2 Layers of 9mm Plywood
- 4 Regupol One Part Polyurethane Adhesive
- 5 Regupol® 4515-S 3mm Acoustic Underlay
- 6 Regupol One Part Polyurethane Adhesive
- 7 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.