REGUPOLO® ACOUSTIC UNDERLAY COLLECTION

SOUNDPROOFING
TIMBER FLOOR
COVERINGS

Regupol® Australia
It’s our 30 years of trusted advice.

Together we can influence our cities successful future. With solutions to soundproofing floors in multi-residential living.
The way we treat soundproofing of floor spaces has a big impact on the well being of those that live amongst it. To play our part, this is our BCA solutions for impact sound insulation of floors. We have taken the most requested floor finishes and matched them with the Regupol® Acoustic Underlay that best suits the application. This is Regupol® Acoustics Systems… simplified for timber floor coverings.

The BCA’s objectives are to the safeguard occupants in residential buildings from illness or loss of amenity resulting from excessive noise. The BCA Part F5.4 Sound insulation rating of floors, requires a floor in a Class 2 or 3 building to have an impact sound insulation rating of no less than Ln,w 62. The Ln,w rating is a measure of the ability of the floor system to suppress footfall noise and noise from other impacts. The lower this rating, the higher the impact sound reduction performance of the system.

The BCA F5.3 Determination of Impact Sound Insulation Ratings requires:

(a) A floor in a building required to have an impact sound insulation rating must -

(i) have the required value for weighted normalised impact sound pressure level (Ln,w) determined in accordance with AS ISO 717.2 using results from laboratory measurements; or

(ii) comply with Specification F5.2

These Regupol® Acoustic Systems have been tested in the laboratory in accordance with AS ISO 717.2 “Acoustics – Rating of sound insulation in buildings and of building elements”. For impact sound insulation testing of floors AS ISO 717.2 Part 2. Impact sound Insulation is used. They are typical residential applications and are not exhaustive of our products and their applications. Many other acoustic systems are available for specific projects and acoustic outcomes. Contact us for further resources and access to our acoustic library of products and testing data.
TIMBER FLOORS

SOUNDPROOFING ENGINEERED TIMBER OR LAMINATE FLOORS
WITH REGUPOL® 4515 4.5MM ACOUSTIC UNDERLAY
**REGUPOL® 4515 4.5MM**

Regupol® 4515 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 engineered timber and laminate floor finishes.

**Benefits include:**
- German quality guaranteed
- Minimises construction heights
- Suitable for use with under floor heating
- Protects expansion joints
- Light weight material
- PVC free
- Excellent adhesion qualities
- Low odour
- Low VOC
- Available in modular tiles for easy installation.
- Made from recycled materials

**Product Data - Rolls and Tiles**

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rolls</td>
<td>1m x 20lm</td>
</tr>
<tr>
<td>Modular Tiles</td>
<td>1050mm x 500mm</td>
</tr>
<tr>
<td>Thickness</td>
<td>4.5mm</td>
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</table>

**Engineered Timber Normalized Impact Sound Pressure Levels**

Tested at CSIRO Clayton, in accordance with ISO 140-8: 2006 (E), ISO 140-6-2006, AS ISO 717.2-2004, ASTM E989-89. Test area 10.8m². Results can vary when different floors are installed and/or if bonded.
FLOATING ENGINEERED TIMBER

with Regupol® 4515 4.5mm

This system reflects a typical residential application with approved Engineered Timber Floor Covering. 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.

Tape & Sealer Information

Regupol Green Tape is a single sided 72mm wide by 25m long cloth tape, used to join loose laid acoustic underlay.

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 relative humidity exceeds the required levels.

Regupol Australia

Concrete Substrate Prepared to AS1884-2012

1. Approved Engineered Timber Flooring
2. Regupol® 4515 4.5mm Acoustic Underlay
3. Regupol Green Tape
4. Concrete Substrate Prepared to AS1884-2012
DUAL BOND
ENGINEERED TIMBER

with Regupol® 4515 4.5mm

This system reflects a typical residential application with approved Engineered Timber Floor Covering. 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 relative humidity exceeds the required levels.

![Diagram of installation process]

1. Approved Engineered Timber Floor
2. Regupol One Part Polyurethane Adhesive
3. Regupol® 4515 4.5mm Acoustic Underlay
4. Regupol One Part Polyurethane Adhesive
5. Concrete Substrate Prepared to AS1884-2012
Regupol® 5512 impact sound solutions for Engineered Timber and Laminate Floors

TIMBER FLOORS

SOUNDPROOFING ENGINEERED TIMBER OR LAMINATE FLOORS
WITH REGUPOL® 5512 5MM ACOUSTIC UNDERLAY
REGUPOLO® 5512 5MM

Regupol® 5512 is a soundproofing acoustic underlay manufactured from recycled materials, bound with polyurethane. The product composition produces a cost effective solution to sound isolate bonded screed beds in wet and dry area installations. The product is also used under a number of hard flooring finishes such as laminates and engineered timber flooring.

Benefits include:

• German quality guaranteed
• Minimises construction heights
• Suitable for use with under floor heating
• Protects expansion joints
• PVC free
• Available in modular tiles for easy installation
• Made from recycled materials

Product Data - Rolls and Tiles
Rolls 1.25m x 10lm, 50lm
Modular Tiles 1050mm x 500mm
Thickness 5mm

93.6% Recycled Rubber Content

Engineered Timber Normalized Impact Sound Pressure Levels
Test area 10.8m². Results can vary when different floors are installed and/or if bonded.

REPORT RG111 - REGUPOLO® 5512 5MM
Layer of 14mm Engineered Timber (floating), to Regupol® 5512 5mm, to 150mm Concrete Slab (no ceiling).

<table>
<thead>
<tr>
<th>Ln,w 58 dB</th>
<th>Improvement ΔLw 18dB</th>
<th>IIC 52</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Complies with BCA Part F5.3 Impact Sound
FLOATING TIMBER
ENGINEERED OR LAMINATE

with Regupol® 5512 5mm

This system reflects a typical residential application with approved Engineered Timber Floor Covering. 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.

Tape & Sealer Information

Regupol Green Tape is a single sided 72mm wide by 25m long cloth tape, used to join loose laid acoustic underlay.

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 relative humidity exceeds the required levels.

1. Approved Engineered Timber or Laminate Flooring
2. Regupol® 5512 5mm Acoustic Underlay
3. Regupol Green Tape
4. Concrete Substrate Prepared to AS1884-2012

Concrete Substrate Prepared to AS1884-2012

MIN 2mm CLEARANCE

WALL SURFACE

SKIRTING

FOAM BACKING ROD

FLEXIBLE POLYURETHANE SEALANT COLOUR TO SUIT WHEN INSTALLED IN A CLASS 2-9 BUILDING A SUITABLE FIRE RATED SEALER MUST BE USED

ENGINEERED TIMBER OR LAMINATE FLOOR INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS

USE REGUPOL GREEN TAPE ON REGUPOL® 5512 JOINS

REGUPOL® S512 5mm THICK IMPACT SOUND ACOUSTIC UNDERLAY, BUTT JOINED, CUT TO PERIMETER

CONCRETE SUBSTRATE PREPARED TO AS1884-2012

14mm APPROX.

5mm
DUAL BOND TIMBER
ENGINEERED OR LAMINATE

with Regupol® 5512 5mm

This system reflects a typical residential application with approved Engineered Timber Floor Covering. 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
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
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 relative humidity exceeds the required levels.

Concrete Substrate Prepared to AS1884-2012
TIMBER FLOORS

SOUNDPROOFING PARQUETRY AND ENGINEERED TIMBER FLOORS
WITH REGUPOL® K225 5MM ACOUSTIC UNDERLAY
REGUPOL® K225 5MM

Regupol® K225 is a soundproofing acoustic underlay manufactured from recycled SBR rubber granulates and cork, bound with polyurethane. The product composition produces an effective acoustic barrier to install parquetry and timber floors directly to the surface finish. The cork and rubber combination ensures excellent adhesion between the polyurethane adhesive, the acoustic underlay and the timber floor.

Benefits include:
• German quality guaranteed
• Minimises construction heights
• Suitable for use with under floor heating
• Protects expansion joints
• PVC Free
• Available in modular tiles for easy installation
• Excellent adhesion qualities
• Made from recycled materials

Product Data - Rolls and Tiles
Rolls 1m x 20lm
Modular Tiles 1050mm x 500mm
Thickness 5mm

Parquetry Timber Normalized Impact Sound Pressure Levels
Tested at CSIRO Highett, 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 - REGUPOL® K225 5MM
Layer of 19mm Parquetry, bonded to Regupol® K225 5mm, bonded to 150mm Bare Concrete Slab (no ceiling).

<table>
<thead>
<tr>
<th>Ln,w</th>
<th>Improvement</th>
<th>IIC</th>
<th>Complies with BCA Part F5.3 Impact Sound</th>
</tr>
</thead>
<tbody>
<tr>
<td>56</td>
<td>20dB</td>
<td>54</td>
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</tr>
</tbody>
</table>
DUAL BOND
PARQUETRY TIMBER

with Regupol® K225 5mm

This system reflects a typical residential application with approved parquetry timber 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 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 relative humidity exceeds the required levels.

Regupol One Part Polyurethane Adhesive
Regupol K225 5mm Acoustic Underlay
Regupol One Part Polyurethane Adhesive
Concrete Substrate Prepared to AS1884-2012

Concrete Substrate Prepared to AS1884-2012

Regupol One Part Polyurethane Adhesive
Regupol K225 Underlay
Regupol One Part Polyurethane Adhesive
Concrete Substrate

Expansion Gap
Min. 10mm or as per manufacturers recommendations

Regupol One Part Polyurethane Adhesive
Adhesive to Adhere Parquetry to Regupol® K225 Underlay

Regupol® K225 5mm Thick Impact Sound Acoustic Underlay Adhered to Substrate, Butt Joint, Cut to Perimeter

MINIMUM 2mm CLEARANCE

WALL SURFACE
SKIRTING
FOAM BACKING ROD
FLEXIBLE POLYURETHANE SEALANT COLOUR TO SUIT
WHEN INSTALLED IN A CLASS 2-9 BUILDING A SUITABLE FIRE RATED SEALANT MUST BE USED

14mm OR 19mm SOLID BLOCK PARQUETRY INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS

1. Approved Parquetry Floor 14mm or 19mm
2. Regupol One Part Polyurethane Adhesive
3. Regupol® K225 5mm Acoustic Underlay
4. Regupol One Part Polyurethane Adhesive
5. Concrete Substrate Prepared to AS1884-2012
DUAL BOND
ENGINEERED TIMBER

with Regupol® K225 5mm

This system reflects a typical residential application with approved Engineered Timber Floors. For all other applications please contact Regupol's Technical Division. Please note that 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 relative humidity exceeds the required levels.

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 relative humidity exceeds the required levels.
REGUPOL® 6015 6/3MM

Regupol® 6015 dimple is a soundproofing acoustic underlay manufactured from recycled SBR rubber, bound with polyurethane. The product is made to a specific density and finished in 3D dimple profile. Regupol® 6015 dimple 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.

Benefits include:
- German quality guaranteed
- Minimises construction heights
- Suitable for use with under floor heating
- Protects expansion joints
- PVC free
- Made from recycled materials

Product Data - Rolls
Rolls 1.25m x 20lm
Thickness 6mm dimpled profile 6/3mm

Regupol® 6015 is manufactured using recycled SBR rubber

Engineered Timber Normalized Impact Sound Pressure Levels
Tested at CSIRO Clayton, in accordance with ISO 140-8: 2006 (E), ISO 140-6-2006, AS ISO 717.2-2004, ASTM E989-89. Test area 10.8m²
Results can vary when different floors are installed and/or if bonded.

REPORT RG113 - REGUPOL® 6015 6/3MM
Layer of 14mm Engineered Timber (floating), to Regupol® 6015 6/3mm dimpled, to 150mm Concrete Slab (no ceiling).

<table>
<thead>
<tr>
<th>Ln,w 58 dB</th>
<th>Improvement ΔLw 17dB</th>
<th>IIC 51</th>
<th>Complies with BCA Part F5.3 Impact Sound</th>
</tr>
</thead>
</table>

Typical application under approved engineered timber floors
**FLOATING ENGINEERED TIMBER**

**with Regupol® 6015 6/3mm**

This system reflects a typical residential application with approved Engineered Timber Floor Covering. 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.

**Tape & Sealer Information**

**Regupol Green Tape** is a single sided 72mm wide by 25m long cloth tape, used to join loose laid acoustic underlay.

**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 relative humidity exceeds the required levels.

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**Regupol® 6015 6/3mm Acoustic Underlay**

**Approved Engineered Timber Flooring**

**Regupol Green Tape**

**Concrete Substrate Prepared to AS1884-2012**

**Please Note:** Not all Engineered Timber Floors are approved over the dimpled acoustic underlay. Contact Regupol Australia to check compatibility with the selected Engineered Board.
DUAL BOND
ENGINEERED TIMBER

with Regupol® 6015 6/3mm

This system reflects a typical residential application with approved bamboo floor covering. 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 relative humidity exceeds the required levels.

Please Note: Not all Engineered Timber Floors are approved over the dimpled acoustic underlay. Contact Regupol Australia to check compatibility with the selected Engineered Board.
TIMBER FLOORS
SOUNDPROOFING APPROVED ENGINEERED TIMBER FLOORING
WITH REGUPOL® 6010 8/4MM ACOUSTIC UNDERLAY
REGUPOL® 6010 8/4MM

Regupol® 6010 dimple is a soundproofing acoustic underlay manufactured from recycled SBR rubber, bound with polyurethane. The finished product is technically superior when it comes to installing approved engineered timber floors. The dimple profile allows for the impact sound generated to dissipate and effectively reduce.

Benefits include:
- German quality guaranteed
- Minimises construction heights
- Suitable for use with under floor heating
- Protects expansion joints
- PVC free
- Made from recycled materials

Product Data - Rolls
- Rolls 1.15m x 20lm
- Thickness 8mm dimpled profile 8/4mm

Engineered Timber Normalized Impact Sound Pressure Levels
Tested at CSIRO Clayton, in accordance with ISO 140-8: 2006 (E), ISO 140-6-2006, AS ISO 717.2-2004, ASTM E989-89. Test area 10.8m²
Results can vary when different floors are installed and/or if bonded.

REPORT RG112 - REGUPOL® 6010 8/4MM
Layer of 14mm Engineered Timber (floating), to Regupol® 6010 8/4mm dimpled, to 150mm Concrete Slab (no ceiling).

<table>
<thead>
<tr>
<th>Ln,w 57 dB</th>
<th>Improvement ΔLw 18dB</th>
<th>IIC 53</th>
<th>Complies with BCA Part F5.3 Impact Sound</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td></td>
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</tr>
</tbody>
</table>
FLOATING ENGINEERED TIMBER

with Regupol® 6010 8/4mm

This system reflects a typical residential application with approved Engineered Timber Floor Covering. 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.

Tape & Sealer Information

Regupol Green Tape is a single sided 72mm wide by 25m long cloth tape, used to join loose laid acoustic underlay.

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 relative humidity exceeds the required levels.

Regupol Two Part Water Based Epoxy Moisture Sealer

1. Approved Engineered Timber Flooring
2. Regupol® 6010 8/4mm Acoustic Underlay
3. Regupol Green Tape
4. Concrete Substrate Prepared to AS1884-2012

Please Note: Not all Engineered Timber Floors are approved over the dimpled acoustic underlay. Contact Regupol Australia to check compatibility with the selected Engineered Board.
**DUAL BOND**

**ENGINEERED TIMBER**

with Regupol® 6010 8/4mm

This system reflects a typical *residential* application with approved Engineered Timber Floor Covering. 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 relative humidity exceeds the required levels.

*Please Note: Not all Engineered Timber Floors are approved over the dimpled acoustic underlay. Contact Regupol Australia to check compatibility with the selected Engineered Board.*
Regupol® 6010 10mm impact soundproofing engineered timber and laminate floors
**REGUPOL® 6010 10MM**

Regupol® 6010 is a soundproofing acoustic underlay manufactured from recycled SBR rubber, bound with polyurethane. The product is a popular choice under floating timber floors, offering improved impact sound noise levels up to 20dB. Regupol® 6010 10mm 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.

Benefits include:
- German quality guaranteed
- Minimises construction heights
- Suitable for use with under floor heating
- Protects expansion joints
- PVC free
- Made from recycled materials

**Product Data - Rolls**

<table>
<thead>
<tr>
<th>Rolls</th>
<th>1.25m x 20m</th>
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</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>10mm</td>
</tr>
</tbody>
</table>

**Engineered Timber Normalized Impact Sound Pressure Levels**

Tested at CSIRO, in accordance with ISO 140-8: 2006 (E), ISO 140-6-2006, AS ISO 717.2-2004, ASTM E989-89. Test area 10.8m²

Results can vary when different floors are installed and/or if bonded.

**REPORT RG087 - REGUPOL® 6010 10MM**

Layer of 14mm Engineered Timber (floating), to Regupol® 6010 10mm, to 150mm Concrete Slab (no ceiling).

<table>
<thead>
<tr>
<th>Ln,w 58 dB</th>
<th>Improvement ΔLw 18dB</th>
<th>IIC 50</th>
<th>Complies with BCA Part F5.3 Impact Sound</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
</tr>
</tbody>
</table>
FLOATING TIMBER
ENGINEERED OR LAMINATE

with Regupol® 6010 10mm

This system reflects a typical residential application with approved Engineered Timber Floor Covering. 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.

Tape & Sealer Information

Regupol Green Tape is a single sided 72mm wide by 25m long cloth tape, used to join loose laid acoustic underlay.

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 relative humidity exceeds the required levels.

Diagram:

1. Approved Engineered Timber or Laminate Flooring
2. Regupol® 6010 10mm Acoustic Underlay
3. Regupol Green Tape
4. Concrete Substrate Prepared to AS1884-2012
DUAL BOND TIMBER
ENGINEERED OR LAMINATE

with Regupol® 6010 10mm

This system reflects a typical residential application with approved Engineered Timber Floor Covering. 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 relative humidity exceeds the required levels.
TIMBER FLOORS

SOUNDPROOFING T&G TIMBER AND PLYWOOD FLOORS
WITH REGUPOL® 6010 17/8MM ACOUSTIC UNDERLAY

Regupol® 6010 17/8mm dimple for high impact acoustic performance under T&G and plywood timber system
REGUPOL® 6010 17/8MM

Regupol® 6010 17/8mm dimple is a soundproofing acoustic underlay manufactured from recycled SBR rubber, bound with polyurethane. The product is made to a specific density and finished in a 3D dimple profile. The finished product is technically superior when it comes solid T&G timber & plywood floors. The dimple profile allows for the impact sound generated to reduce and dissipate.

Benefits include:
- German quality guaranteed
- Minimises construction heights
- Suitable for use with under floor heating
- Protects expansion joints
- PVC free
- Made from recycled materials

Product Data
Rolls 1.25m x 10m
Thickness 17mm Dimpled

T&G Timber Normalized Impact Sound Pressure Levels - Indicative Result Only*
Tested at CSIRO, sample was bonded together and fixed to the concrete slab. Sample size 1200mm x 1200mm.
* Sample size was not full laboratory tested and is only indicative of result. Results can vary when different floors are installed and/or if bonded.

REPORT RG018 - REGUPOL® 6010 17/8MM
Layer of 19mm T&G Timber, bonded to 18mm Yellow Tongue, bonded to Regupol® 6010 17/8mm, to 170mm Concrete Slab.

<table>
<thead>
<tr>
<th>Ln,w 53 dB</th>
<th>Improvement ΔLw 27dB</th>
<th>IIC 55</th>
<th>Indicative Result Only</th>
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</thead>
<tbody>
<tr>
<td>Bare Slab</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T&amp;G Timber</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
T&G/OVERLAY TIMBER
FLOORS OVER PLYWOOD

with Regupol® 6010 17/8mm

This system reflects a typical residential application with approved T&G and overlay timber floors. For all other applications please contact Regupol’s Technical Division. Please note that 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 relative humidity exceeds the required levels.

1. Approved T&G and 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® 6010 17/8mm Acoustic Underlay
6. Regupol One Part Polyurethane Adhesive
7. Concrete Substrate Prepared to AS1884-2012
REGUPOL® AND THE ENVIRONMENT

Regupol® is a global success story. Back in the early 1960’s, BSW GmbH had the ingenuity to manufacture recycled products from waste resources. The Regupol® brand represents the materials that make it: Recycled Gummi Rubber and Polyurethane.

The Regupol® brand is one of the world’s largest users of recycled rubber; reducing, recycling and re-using it in the manufacture of a broad range of rubber flooring and acoustic underlay products. To maintain our high level of product quality, we actively seek out sustainable manufacturers of rubber, PU foams, EPDM rubber, cork and other sustainable materials that make up our product ranges. No production waste is land filled – all off-cuts and remnants are re-cycled and re-used. Every production process and product is examined with regard to environmental capabilities, ensuring minimal or zero negative environmental impact.

GECA

Recycled materials and products, such as Regupol® can play such a major role in the design and construction of environmentally friendly and sustainable buildings. To ensure this, we have had many of the Regupol® Impact Sound Acoustic Underlays Good Environmental Choice Australia (GECA) certified for their environmental contribution.

The independent verification performed by GECA shows that the acoustic range of Regupol® recycled products are environmentally preferable and meet the requirements of GECA 25-2011 v2 - Floor Coverings Standard. Additionally, the GECA 25-2011 v2 Floor Coverings Standard is recognised by the Green Building Council of Australia (GBCA) under their Assessment Framework for Product Certification Schemes. The selected Regupol® products will provide a Level A sustainability factor weighting (100%) within the Green Star Sustainable Products Calculator.

Look for the Good Environmental Choice Australia tick to confirm if the product has been independently certified. For more information on GECA visit www.geca.org.au

NATSPEC

NATSPEC is a national not-for-profit organisation that is owned by the design, build, construct and property industry through professional associations and government property groups. NATSPEC’s objective is to improve the construction quality and productivity of the built environment through leadership of information. NATSPEC is the preferred specification system for major building professionals. Government departments, contractors, consultants and architects endorse NATSPEC.

Branded worksections are technical worksections developed by NATSPEC in conjunction with a manufacture known as a NATSPEC Product Partner. Each branded worksection is based on the associated NATSPEC generic worksection and shares the same classification number. It is a MS Word document Template which follows the NATSPEC style and can be customised. Regupol Australia are a NATSPEC Product Partner, offering a national specification for our acoustic floor underlays under the 0473 REGUPOL in acoustic floor underlays branded work section.

For more information on NATSPEC visit www.natspec.com.au
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