

PRODUCT INFORMATION

Regupol Resilient One Part Adhesive

everroll®

Regupol®



Regupol
Australia

Product Information Sheet

Regupol Resilient One Part Adhesive



DESCRIPTION

The Regupol Resilient One Part Adhesive is a water based synthetic polymer, VOC compliant resilient flooring adhesive. This adhesive was formulated to bond Regupol® 4515-S Acoustic Underlay to most common interior sub-floors. This adhesive was also designed to bond approved resilient floor coverings to the Regupol® 4515-S Acoustic Underlay. In approved applications the product could also be used to adhere Regupol® and everroll® rubber flooring products in dry areas.

Important: Prior to installation, the resilient floor covering should be checked and approved for compatibility for dual bonding to the Regupol® 4515-S Acoustic Underlay using the Regupol Resilient One Part Adhesive.

CHARACTERISTICS

- RH resistance 85% and falling (ASTM F2170)
- Water based
- Spreads easily
- Aggressive grab
- VOC Compliant
- Available in; 10 Litre pots
- Australian made

COVERAGE

1. When adhering Regupol® 4515-S Acoustic Underlay to concrete substrate use a V1 (1.6mm) trowel – allow approx. 4.5-5.0m²/L or 45m² per pot.
 2. When adhering approved resilient floors up to 2mm thick to Regupol® 4515-S Acoustic Underlay – use a V1 (1.6mm) trowel – allow approx. 4.5-5.0m²/L or 45m² per pot. **Note: For resilient floors over 2mm thick contact Regupol Australia for appropriate trowel size.**
 3. When adhering all other Regupol® and everroll® flooring products directly to the substrate – use a V2 (2.4mm) trowel – allow approx. 3.0-3.5m²/L or 30m² per pot.
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SURFACE PREPARATION

All sub-floor surfaces shall be dry, smooth, sound and clean, free of wax, grease and all other contaminants that inhibit adequate adhesion to the sub-floor. The sub-floor must also be free from hydrostatic pressure or capillary action. The adhesive should not be used in excessive cold or hot conditions i.e. the ambient temperature should not be lower than 8°C or above 28°C

It is recommended that highly porous timber or concrete sub-floor surfaces be primed with Regupol Primer 444 and allowed to cure before applying adhesive. Uneven or damaged floors should be repaired with a cementitious levelling compound.

Timber sub-floors should be tested with an appropriate electrical resistance meter. The timber sub-floor should contain a maximum moisture content of 12%. All concrete sub-floors should be tested for relative humidity (RH) prior to surface priming or application of adhesive. Ensure the RH (use in situ probe method ASTM F2170 current version) of the concrete sub-floor does not exceed 85%. Ensure the surface pH of the concrete sub-floor is no greater than 9. Burnished concrete sub-floors must be ground back to allow for sufficient porosity and adhesion to the sub-floor.

If the sub-floor exceeds the above recommended moisture, pH and RH levels, sufficient remediation is required prior to the use of this adhesive. All sub-floors should in accordance with current Australian Standard installation practices.

APPLICATION

Bonding Regupol® 4515-S Acoustic Underlay to the Sub-floor

1. Apply the adhesive with a V1 (1.6mm) trowel at a rate no greater than 4.5-5.0m²/L. When applying the adhesive spread in a continuous "S" sweeping motion. Allow the adhesive to tack up (become grabby) prior to installing the Regupol®.
2. Place the Regupol® 4515-S Acoustic Underlay into the wet adhesive; ensure the adhesive does not skin over or set prior to placing the Regupol® into the adhesive.
3. Roll the Regupol® with a suitable roller prior to the adhesive drying as this allows for adhesive transference between the underlay and the substrate.
4. Allow the adhesive to set for 12 hours prior to installing the approved resilient floor covering onto the Regupol® 4515-S Acoustic Underlay.

Bonding approved resilient flooring up to 2mm thick to the Regupol® 4515-S Acoustic Underlay

Note: For resilient floors over 2mm thick contact Regupol Australia for appropriate trowel size.

1. Apply the adhesive with a V1 (1.6mm) trowel at a rate no greater than 4.5-5.0m²/L. When applying the adhesive spread in a continuous "S" sweeping motion. Allow the adhesive to tack up (become grabby) prior to installing the flooring.
2. Place the resilient floor covering into the adhesive; ensure the adhesive does not skin over or set prior to placing the resilient floor covering into the adhesive.

3. Roll the resilient floor covering with a suitable roller prior to the adhesive drying, as this allows for adhesive transference between the resilient floor covering and the Regupol® 4515-S Acoustic Underlay.
4. Ensure that, if adhesive oozes between joins or if the adhesive is spilt on resilient floor covering that it is cleaned immediately.
5. Do not allow heavy traffic within 24 hours after installing the floor covering.

Note: In humid or cold conditions, ensure the adhesive has sufficient tack/grab prior to installing the acoustic underlay/resilient floor covering.

Bonding Regupol® and everroll® rubber flooring products to concrete substrate

1. Apply the adhesive with a V2 (2.4mm) trowel at a rate no greater than 3.0-3.5m²/L to the substrate. When applying the adhesive spread in a continuous “S” sweeping motion. Allow the adhesive to tack up (become grabby) prior to installing the flooring.
2. Place Regupol® or everroll® rubber flooring into the adhesive; ensure the adhesive does not skin over or set prior to placing flooring into the adhesive.
3. Roll the Regupol® or everroll® with a suitable roller prior to the adhesive drying, as this allows for the adhesive transference between the floor and the substrate.
4. Ensure that, if adhesive oozes between joins or if the adhesive is spilt on the flooring that it is cleaned immediately.
5. Do not allow heavy traffic within 24 hours after installing the floor covering.

CLEAN UP

Clean tools and equipment immediately with warm soapy water. To remove dried adhesive use a cleaning solvent.

VENTILATION

Always make sure that there is adequate ventilation when using this adhesive.

CAUTION

- Do not use adhesive in excessive hot or cold conditions i.e. the ambient temperature should not be lower than 8°C or above 28°C.
- This adhesive will not stand up to hydrostatic pressure or capillary action.
- If in doubt regarding suitability of adhesive, always contact the manufacturer.
- Always follow manufacturer's instructions.
- Do not allow adhesive to skin over / dry prior to the installation.

INFORMATION



STORAGE

Do not allow adhesive to freeze, unaffected by freezing when dry. May be stored for twelve months, in unopened sealed containers under cover at 20°C Do not allow to freeze.

NOTICE TO THE PURCHASER

All statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed. Users assume all risk and liability resulting from the use of this product and must confirm the suitability thereof by their own tests. Conditions of sales contain a limited warranty against manufacturing defects.

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