

PRODUCT INFORMATION

Regupol Two Part Polyurethane Adhesive

everroll®

Regupol®



Regupol
(Australia) Pty. Ltd.

Product Information Sheet

Regupol Two Part Polyurethane Adhesive



DESCRIPTION

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

CHARACTERISTICS

Part A (Resin)

- Viscosity Paste
- Colour Light grey
- Spec. Gravity 1.45kg/Litre
- Mixing Ratio 4.5 parts by weight
- Pot life at 20°C Approx.30-45min,

Part B (Hardener)

- Liquid
- Dark Brown
- 1.2kg/Litre
- 1 part by weight

- High temperatures accelerate, while low temperatures will retard curing.
Curing Minimum 8 hours – Dependent upon ambient temperature and application. High traffic areas 48 hours, preferable.
- VOC Compliant
- Australian Made
- Available in 3.3kg and 11kg pots

COVERAGE

When adhering Regupol® and everroll® flooring products directly to the substrate – use a V2 (2.4mm) trowel – allow approx. 1.0-1.5m² per kg or 11m² per pot (11kg) and 3m² per pot (3.3kg).

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 sealed with Regupol Two Part Epoxy Moisture Sealer and allowed to cure before applying adhesive. Ensure the adhesive is applied to the sealer within 48

hours of the application. Uneven or damaged floors should be repaired with a cementitious leveling compound. This adhesive can be used over suitable non porous subfloors.

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 sealing 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%. Also 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 be in accordance with current Australian Standard installation practices.

APPLICATION

1. Empty the complete contents of part B hardener into the part A resin pail.
 2. Mix part A and part B together thoroughly with an electric drill and mixing paddle until a uniform colour is obtained i.e. no streaks. The maximum mixing time should be no greater than 3-4 minutes. Note this adhesive has a pot life of 30-45 minutes once mixed and the adhesive must be used within this time period. If the product is not used it will set in the mixing pail to a solid matter.
 3. When applying the adhesive spread in a continuous "S" sweeping motion.
 4. Apply the adhesive with a V2 (2.4mm) trowel at a rate no greater than 1.0-1.5m²/kg to the substrate.
 5. 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.
 6. Roll the Regupol® or everroll® with a suitable roller prior to the adhesive drying, as this allows for the adhesive transference between the flooring and the substrate.
 7. Ensure that, if adhesive oozes between joins or if the adhesive is spilled on the Regupol® or everroll® rubber flooring that it is cleaned immediately. The adhesive, whilst wet, can be removed with a cloth dampened with methylated spirits. Dry adhesive can only be removed mechanically.
 8. Allow a minimum of 24 hours for adhesive to cure.
-

CLEAN UP

Remove excess adhesive while still wet with methylated spirits, tools may also be cleaned with methylated spirits before adhesive cures. Dry adhesive can only be removed mechanically.

VENTILATION

Always make sure there is adequate ventilation when using this product.

CAUTION

- Do not use adhesive if the ambient temperature is below 8°C or above 28°C.
- This product will not stand up to hydrostatic pressure or capillary action.
- Mixing procedure must be strictly followed as per our instructions.
- Ensure gloves are worn when applying the polyurethane adhesive.
- Ensure your trowel is notched to manufacturers recommendations at all times.
- If in doubt regarding the suitability of this adhesive contact the manufacturer.
- Do not allow adhesive to skin over or set prior to the installation.

STORAGE

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

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 sale contain a limited warranty against manufacturing defects.

CONTACT POINT: **Technical Manager**
TELEPHONE: **02 4624 0050**
EMAIL: technicalservices@regupol.com.au
