
REGUPOL ONE PART SOLVENT FREE POLYURETHANE ACOUSTIC ADHESIVE

DESCRIPTION:

This product is a one part ready to use elastomeric moisture cured polyurethane adhesive. Regupol one part polyurethane acoustic adhesive is solvent free; hence has a **low** VOC output.

This Regupol adhesive was specifically designed for bonding selected Regupol acoustic underlay's to most common interior substrates. This adhesive was also designed to bond most types of Parquetry, solid T&G and overlay flooring and engineered timber flooring systems to selected Regupol acoustic underlay's. It can also be used for most Regupol resilient products including Everlast/Everroll.

The elastomeric characteristics of this adhesive enhances the acoustic performance of the flooring system.

CHARACTERISTICS AND ADVANTAGES

- * One part requires no mixing
- * Non flammable
- * High bond strength
- * Flexible
- * Sandable after 3 days
- * Spreads easily
- * Fast setting

PHYSICAL PROPERTIES

- * Appearance Brown
- * Base Polyurethane
- * Viscosity 150,000-200,000cps at 25°C
- * Solids 99%
- * Drying time 3-4hours
- * Coverage 1-1.5m²/ltr
- * Shelf life 12 months in unopened container at 25°C
- * Available in 10 Ltr containers
- * Specific gravity 1.26kg/ltr

APPLICATION INSTRUCTIONS

Surface Preparation

All surfaces shall be dry, sound and smooth, free of wax, grease, paint, old adhesive, dust and dirt. All sub-floors should be structurally sound prior to the application of this adhesive. The sub-floor must also be free from voids or loose materials, curing compounds, bond breakers, laitance, oils and sealers.

New concrete surfaces must be completely cured. Always make sure that the moisture content of the concrete is below 5.5%. All sub-floors should be tested for moisture with an accurate moisture reading apparatus. If the moisture content of the sub-floor is greater than 5.5% use Regupol's Epoxy Moisture Sealer, refer to technical data sheet.

For "Green" or Ground floor slabs where excessive moisture could be present, apply Regupol's epoxy moisture sealer.

All sub-floors should be in accordance with the residential footings and slab code AS2870-1996 and Resilient Floor Coverings Code AS1884-1985.

Priming

Regupol One Part Polyurethane solvent free adhesive does not require a primer, except, in the case of moisture migration or excessively porous substrate, Regupol Moisture Sealer should be applied per technical data sheet. Moisture content should not be above 5.5% when tested in accordance to Australian Standard AS1884-1985.

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Bonding Regupol Acoustic Underlay

1. Apply the adhesive evenly with a “V2” (2.4mm point to point & 2.4mm in depth).
2. Install the Regupol acoustic underlay onto the wet adhesive.
3. Roll the underlay with the Regupol roller, this allows for transference of adhesive between the underlay and sub-floor.
4. Allow the adhesive to dry for 24 hours prior to installing the floor-covering.

Bonding Timber Flooring Systems to selected Regupol Acoustic Underlays

1. a) For bonding Parquetry or Plywood sheet use a “V3” type trowel (3mm x 3mm notch)
b) For bonding T&G, Overlay or Engineered Timber Flooring use a “V5” type trowel (4.8mm x 6.4mm deep notch).
Note: Always spread with a continuous “S” sweep motion.
2. Install the timber onto the wet adhesive, ensure the adhesive does not skin over and dry prior to installing timber flooring.
3. Ensure the timber makes good contact with the adhesive to enable complete transference of adhesive between the acoustic underlay and timber backing. This can be achieved by clamping, weighting or other means of applying downward pressure whilst installing the timber flooring.
4. Once the timber is installed do not allow heavy traffic for 24 hours.
5. Sanding can commence 3 to 7 days after the completion of the entire installation.
Please note: Sanding times may vary due to climatic conditions please check with the manufacturer.

Clean Up

Remove excess adhesive while still wet with methylated spirits. Tools must also be cleaned with methylated spirits before adhesive sets. Once the adhesive has cured, it can only be removed mechanically.

Precautions

- Ensure gloves are worn when applying the polyurethane adhesive. If adhesive comes in contact with the skin, immediately wipe off with a dry cloth.
- Avoid contact with water or alcohol before use and before complete cure.
- Do not use adhesive in excessive hot or cold conditions i.e. below 10°C or above 28°C.
- When applying adhesive for parquetry, avoid dipping entire block or small edge pieces into the drum prior to installation. Doing this may cause edge blocks to expand slightly while adhesive cures.
- This adhesive will not stand up to hydrostatic pressure or capillary action.
- Ensure your trowel is notched to the manufacturers recommendations at all times.
- Timber flooring systems must be acclimatized, refer to the timber flooring manufacturers recommendations prior to the use of this adhesive.
- If in doubt regarding suitability of adhesive, always contact the manufacturer.
- Always follow manufacturer’s instructions.

STORAGE

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

Note: Adhesive will cure when exposed to air. To re-seal partially used containers, follow these steps:

To close container:

Cover product with a piece of plastic or Bring bag together and secure with provided cable tie.