

# RLA UNIVERSAL RESILIENT FLOORING ADHESIVE



## **DESCRIPTION:**

RLA Universal Resilient Adhesive is an acrylic co-polymer hard set adhesive with strong initial tack qualities and bonds for various PVC vinyl and textile floor coverings. It has excellent plasticiser resistance and non-staining properties. It is for interior use only, is protected against biodegradation, withstands everyday cleaning practices, and is suitable for underfloor heating installations.

## **RECOMMENDED USE:**

RLA Universal Resilient Adhesive is formulated for Commercial and Domestic PVC Sheet Vinyl floorcoverings, Wall Vinyl, Vinyl Composite Tiles, PVC Vinyl Plank and Tile flooring and Linoleum. It may also be used to install hard-to-hold carpets and those with PVC backings. It can be installed to bond some Natural Rubber flooring up to 4mm. Note: With variations in the composition of Rubber Floorcoverings, it is recommended to conduct a test to confirm adhesion suitability.

## **SURFACE PREPARATION:**

To be in accordance with the relevant Australian Standard "Floor Coverings - 1884-2021 Resilient Sheet & Tiles - Laying & Maintenance Practices" or Australian Standard 2455.2.2019 "Textile Floor Coverings - Installation Practice" and current New Zealand NZS AS 1884 Floor Covering Standards and any relevant NZ Building Code requirements.

All surfaces should be dry, smooth, sound, clean and free of wax, grease, oil, previously applied adhesive, and other contaminants.

Relative humidity of the concrete must be measured as per the AS1884- 2021 Australian Standard.

RLA Universal Resilient Adhesive may be applied onto concrete substrates with moisture content up to 85% relative humidity tested based on the In-Situ Probe method ASTM F2170.

## **SURFACE PREPARATION: Continued:**

The concrete alkalinity (pH) must not be higher than 10. Subfloors must also be free of hydrostatic pressure And laitance on concrete substrates should be removed before using this adhesive.

Curing time is related to temperature; this product should not be applied at temperatures below 10°C.

Test all concrete substrates for moisture content according to the current Australian Standards before priming or installing any floor coverings.

Priming is only generally required when installing on overly porous subfloors.

If priming is required use [RLA Universal Primer](#)

Indentations and uneven concrete subfloors should be treated with the range of Roberts and RLA levelling compounds and in accordance with the manufacturer's recommendations.

## **APPLICATION:**

For the application of Sheet Vinyl, Vinyl Planks and Tiles, it is recommended to apply the adhesive with a 1.6mm x 1.6mm 'V1' notched trowel.

A 2.4mm x 2.4mm 'V2' notched trowel is recommended for linoleum and floorcoverings with textured or Vinyl Planks with embossed backing. In applying the adhesive. Hard to hold carpets installed indoors and rubber floorcoverings up to 4mm thick, applying the adhesive with a 3.2mm x 3.2mm 'V3' notched trowel is recommended. Once the pail is opened, remove the protective film material, and use the adhesive with the recommended notched trowel.

Apply only the amount of adhesive that can be covered within the open time of the adhesive, generally 5 minutes at 20°C before lowering floorcovering into the WET Film of adhesive and rolled to ensure 100% transfer has occurred. Open time will depend upon atmospheric conditions and substrate absorbency.

**APPLICATION: Continued:**

Complete installations according to floorcoverings manufacturer's instructions, ensuring the installation is rolled in both directions with the recommended roller weight, prior to the adhesive setting. Tack-up times will depend upon temperature, humidity conditions and substrate absorbency.

Do not allow heavy traffic for 24 hours. All seams for domestic vinyl should be seam sealed with a suitable vinyl seam sealer.

For the application of Wall Vinyl or Fabric, Apply one even coat with a 1.6mm x 1.6mm "V1" notch trowel.

If required, back rolled with a nap roller, pile height no less than 10mm.

Before back rolling occurs, the roller (dry) is recommended to be placed into the adhesive pail or tray, ensuring a film of adhesive is on the surface of the roller before application.

Care and consideration should ensure the material is applied to the entire surface.

Allow the adhesive to develop some initial tack – generally, 10 minutes at 20°C before placing the floorcoverings into the wet adhesive film and rolling in both directions to ensure transfer has occurred.

**CLEAN UP:**

Clean tools immediately after use with warm soapy water. The dried adhesive may be cleaned off using a suitable solvent cleaner applied to a damp cloth and then rubbed gently over the dried adhesive.

**COVERAGE / SPREAD RATE:**

- V1 1.6mm x 1.6mm notched trowel will achieve approximately 5 square metres per litre.
- V2 2.4mm x 2.4mm notched trowel will achieve up to 3 square metres per litre.
- V3 3.2mm x 3.2mm notched trowel will achieve approximately 2 square metres per litre.

**SHELF LIFE / STORAGE:**

12 months when stored in original unopened packaging  
To be stored in a dry area off the ground.

**CONTAINER SIZES:**

15 litre Pail

**NOTES & PRECAUTIONS:**

- Drying times can be extended when applied in cold ambient temperatures.
- Don't allow the adhesive to skin over or dry out;
- It is essential that the floor covering being bonded be installed into the Wet adhesive film.
- Don't apply adhesive in direct sunlight.

**INTERNAL USE ONLY.****SAFETY & HANDLING:**

- Wear suitable respiratory protection.
- Use in well-ventilated areas.
- Avoid breathing vapours
- Avoid contact with skin and eyes.
- Wear eye protection and suitable gloves and clothing.
- Do not eat, drink, or smoke while using this product.
- If on the skin, wash with plenty of soap and water.
- If in the eyes: rinse cautiously with water for several minutes.
- Remove contact lenses; if present, continue rinsing.
- If any skin or eye irritation persists or you feel unwell, get medical attention.
- Safety Data Sheet is available upon request.

**FIRST AID:**

If poisoning occurs, contact a doctor or Poisons Information Centre.

Skin: Wash off with warm water and soap.

If swallowed, DO NOT induce vomiting. Give a glass of water.

For advice or you feel unwell contact a Poisons Information Centre: Australia ph 131126,

New Zealand ph 0800 764 766 or a doctor at once.

If swallowed, do NOT induce vomiting.

IF SWALLOWED, immediately call the Poisons Information Centre or a doctor.

IF ON SKIN Remove immediately all contaminated clothing and wash skin with soap and water.

If skin irritation occurs, get medical advice/attention.

IF IN EYES Rinse carefully with water for several minutes.

If eye irritation persists, get medical advice/attention.

**WARRANTY STATEMENT:**

RLA Polymers guarantees this product against manufacturing defects and guarantees it to be manufactured to our published specifications.

We certify that this product is suitable for use when fully cured and will perform as described in our technical data sheet or other published materials.

RLA Polymers will replace the product free of charge when purchased from any legally verifiable source and where a product is proven to have been stored, handled, and install according to instructions published on our packaging and within the stated shelf life. The Installation of all materials must be carried out per the relevant Australian Standard, the Floorcovering Manufacturer's instructions, and the floorcoverings must have been subject to normal traffic conditions.

Warranty doesn't apply if damage, loss, failure to follow instructions, or other circumstances are out of our control.

Sufficient time and access to investigate any complaint must be accorded to RLA Polymers.

The consumer is responsible for any expenses incurred in making a claim.

A claim form can be requested by:

**PHONE:** 1800 242 931

**EMAIL:** [info@rlapolymers.com.au](mailto:info@rlapolymers.com.au)

**MAIL:** 215 Colchester Road Kilsyth Victoria 3137 (Attention Customer Service)

**WEBSITE:** [www.rlapolymers.com.au](http://www.rlapolymers.com.au)

**AUSTRALIAN CONSUMER LAW:**

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality, and the failure does not amount to a major failure. The benefits under our warranty are in addition to other rights and remedies available to the consumer under the law in relation to the goods and services to which the warranty relates.

**DISCLAIMER:**

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 the product and must confirm the suitability thereof by their own tests. Conditions of Sale contain a limited warranty against manufacturing defects.