

# RLA Universal PRESSURE SENSITIVE ADHESIVE



## **DESCRIPTION:**

RLA Universal Pressure Sensitive Adhesive is a solvent-free pressure-sensitive adhesive.

## **RECOMMENDED USE:**

PVC-backed, fibre-backed, cushion back carpet tiles and reinforced vinyl composition tiles. It is highly recommended to install laminated slab underlays used in Double-Bond carpet installation.

## **FEATURES & BENEFITS:**

- ✓ Installer Friendly
- ✓ 95% RH Resistant Formulation
- ✓ Green Star Compliant
- ✓ Solvent Free
- ✓ Low VOC Emission
- ✓ Anti-microbial Formulation
- ✓ Low Odour
- ✓ Australian Made

## **COVERAGE:**

Coverage when applying adhesive with a Long Nap Roller Pile height no less than 10mm can achieve an approximate spread rate of 7-10 square metres per litre.

“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.

## **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.

## **SURFACE PREPARATION: Continued:**

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 may be applied onto concrete substrates with moisture content up to 95% relative humidity tested based on the In-Situ Probe method ASTM F2170

The concrete alkalinity (pH) must not be higher than 12. 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:**

Spread adhesive with the recommended notched trowel. For securing Double-Bond underlays to a substrate, applying the adhesive with a 1.6mm x1.6mm “V1” notched trowel is recommended.

Bonding Carpet Tiles to subfloor when laid in a releasable mode, we recommend using a long nap roller with a pile height of no less than 10mm.

Alternatively, a 1.6mm x 1.6mm “V1” notched trowel may be used.

## **APPLICATION:**

### Continued:

For securing reinforced Vinyl Composition (VCT) Tiles, Vinyl Planks with an embossed backing system, Loose Lay Vinyl Planks and Cushion Back Carpet Tiles to a subfloor, a 1.6mm x 1.6mm "V1" notched trowel is recommended.

Alternatively, if a stronger bond is required a A 2.4mm x 2.4mm "V2" notched trowel is also recommended.

A 1.6mm x 1.6mm "V1" notched trowel is recommended to install Carpet Tiles on double bond underlays.

Depending upon the porosity of the underlay, the second application of adhesive may be required, or a 2.4mm x 2.4mm "V2" notched trowel is recommended.

RLA Universal Pressure Sensitive Adhesive is used in dry mode, allowing the adhesive to dry and become clear; this will limit the transfer of the adhesive to the back of the carpet tiles, enabling them to be relayed or repositioned with a clean backing.

A stronger bond can be achieved by laying the material into the adhesive film just before it dries completely; this will cause some transfer onto the back of the material.

Complete installation according to the Floorcoverings manufacturer's instructions, ensuring the installation is rolled in both directions with the recommended roller weight.

## **SETTING TIMES:**

RLA Universal Pressure Sensitive Adhesive will tack up and turn clear after approximately 30 minutes to 1 hour at 20°C. Times may vary depending on substrate absorbency, temperature, and humidity.

## **NOTES & PRECAUTIONS:**

- Drying times can be extended when applied in cold ambient temperatures.
- Don't apply adhesive in direct sunlight.

## **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.

## **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.

## **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 containers

**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.