

# Universal Pressure Sensitive Adhesive



## **DESCRIPTION:**

**RLA UNIVERSAL PRESSURE SENSITIVE ADHESIVE** is a solvent-free adhesive suitable for bonding a range of floor coverings. RLA UPS Adhesive is suitable for use over concrete substrates with moisture contents up to 95% Relative Humidity (moisture reducing) tested with the In-Situ Probe method and with pH readings of up to 12.0

## **FEATURES AND BENEFITS:**

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

## **RECOMMENDED USE:**

RLA Universal Pressure Sensitive Adhesive is suitable for use with:

- PVC, Fibre, & Cushioned backed Carpet Tiles
- Double bond underlays to substrate.
- Carpet tiles to Double bond Underlays
- Reinforced Vinyl Composite (VCT) Tiles
- Vinyl Planks with an embossed backing system
- Loose Lay Vinyl Planks

## **SURFACE PREPARATION:**

To be by the current Australian Standard 2455.2.2019 "Textile Floor Coverings Installation Practice" & "Floor Coverings 1884-2021 Resilient Sheet & Tiles - Laying & Maintenance Practices".

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

If mechanical preparation is required, prepare the floor using recommended techniques such as shot blasting and diamond grinding to provide a roughened, clean, sound, and open porous surface.

Thoroughly vacuum loose material and dust

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

RLA Universal Pressure Sensitive Adhesive 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 alkalinity of the concrete (pH) must not be higher than 12.

The minimum subfloor temperature before commencing surface preparation and adhesive application is 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 [ROBERTS RANGE OF LEVELLING COMPOUNDS](#) per the manufacturer's recommendations.

Where temperatures are less than 5°C or higher than 35°C, please contact RLA Technical department for further details

## **APPLICATION:**

For securing Double-Bond underlays to a substrate, applying the adhesive with a 1.6mm x 1.6mm "V1" notched trowel is recommended.

Bonding Carpet Tiles to subfloor when laid in a releasable mode, use a long nap roller with a pile height of no less than 10mm. Alternatively, a 1.6mm x 1.6mm "V1" notched trowel is also recommended.

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 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.

Do not allow heavy traffic for 24 hours.

#### **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.

#### **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 or with RLA Handy Wipes.

#### **SHELF LIFE / STORAGE:**

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

#### **PACKAGING SIZES:**

15litre pails

#### **NOTES & PRECAUTIONS:**

- Drying times can be extended when applied in cold ambient temperatures.
- Don't apply adhesive in direct sunlight.
- Do not apply on substrates with rising dampness.

#### **INTERNAL USE ONLY**

#### **HEALTH & SAFETY:**

For information and advice on the safe handling, first aid, storage and disposal of chemical products, users must refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

#### **TECHNICAL DATA:**

<b>PRODUCT INFORMATION:</b>	
<b>Appearance</b>	Creamy Paste
<b>Packaging</b>	15 Litre
<b>Application Temperature</b>	10°C to +30°C
<b>Set to Traffic</b>	24 hours
<b>SPREAD RATE (per litre)</b>	
<b>Long Nap Roller 10mm</b>	8-10m <sup>2</sup>
<b>2.4mm V2</b>	3m <sup>2</sup>
<b>3.2mm V3</b>	2m <sup>2</sup>

*Note: Spread rates may vary depending on the condition and substrate absorbency.*

**WARRANTY STATEMENT:**

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

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 in accordance with relevant Australian Standards.

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.