



# ROBERTS R555 TWO-PART Flexible Polyurethane System

## **DESCRIPTION:**

ROBERTS Two Part Resilient Flooring Adhesive is a flexible, water-resistant adhesive and, once cured, forms a strong bond that displays high peel and shear strength in wet and dry areas.

### **INTERNAL & EXTERIOR USE.**

## **RECOMMENDED USE:**

- Commercial Sheet Vinyl
- Vinyl Planks
- Rubber Floorcoverings.

## **IT MAY BE INSTALLED OVER:**

- Concrete.
- Masonry.
- Brick.
- Fibre cement sheeting.
- Hardboard underlay.
- Aluminium and steel.

## **COVERAGE:**

- Smooth back flooring/Smooth 1.6x 1.6 x1.6 'V1' notched Coverage approx. 3-4 m<sup>2</sup>/kg.
- Textured back Flooring/Rough/Porous Substrate 2.4x 2.4 x 2.4mm 'V2' notched Coverage approx. 2-2.5 kg.

## **SURFACE PREPARATION:**

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

Bond surfaces shall be absorbent, dry, smooth, sound, and clean. Subfloors must also be free of wax, grease, paint, previously used adhesive, polish, PVC-based membranes, curing compounds, hydrostatic pressure and any other impurities that may affect adhesion.

## **SURFACE PREPARATION:**

### **CONTINUED:**

The minimum subfloor temperature before commencing surface preparation and adhesive application is 10°C.

ROBERTS Two-Part can be applied to concrete substrates with moisture contents up to 85% PVC-based humidity tested with the In-Situ Probe method. Roberts R555 can be used on concrete substrates with pH readings up to 10.0.

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. Test all concrete substrate flooring for moisture content according to the current and prepare the floor using recommended methods such as shot blasting and diamond grinding. 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.

## **MIXING:**

This adhesive has been developed for the floor layer's ease of handling and mixing. The manufacturer accurately weighs the packs. Contents of Part B should be completely emptied into the Part A container, and the two parts should be thoroughly mixed with the paddle attached to a slow-speed electric drill. Ensure the sides and base of the container are thoroughly mixed in. It is recommended that for the best results, a complete kit is used. The difference in colour between Parts A and B helps to indicate that the mixing is thorough.

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## **APPLICATION:**

After mixing and emptying the container onto the substrate, the adhesive should be spread using the recommended notched trowel. The material should be laid into the wet film of the bond.

Roll lightly and check that the adhesive transfer to the back of the flooring has occurred.

This adhesive does not possess wet or dry tack properties. It relies upon the mass of the adhesive film to hold down the material; should the material not tend to lay flat, e.g., corners of vinyl peaking, then assistance should be given in holding down with a weight until a partial cure has been reached.

Curing time is very much related to temperature, but generally, the initial bond sets up within approximately 4-5 hours, the final cure is reached after seven days.

Over these seven days, the bond gradually increases in strength.

## **TECHNICAL DATA:**

<b>Pot Life</b>	<b>20-30 minutes</b>
<b>Open Time</b>	<b>One hour approximately</b>
<b>Initial Set</b>	<b>4-5 hours</b>
<b>Full Cure</b>	<b>Seven days</b>
<b>Set to Traffic</b>	<b>24 hours</b>

## **CLEAN UP:**

To clean up equipment and adhesive spills whilst wet, use a suitable cleaning solvent (flammable) with care. Once cured, this adhesive can only be removed mechanically.

## **SHELF LIFE / STORAGE:**

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

## **NOTES & PRECAUTIONS:**

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

## **CONTAINER SIZES:**

5 kg Kits

## **SAFETY & HANDLING:**

- Do not breathe dust. Wear suitable respiratory protection.
- Use in well-ventilated areas.
- Avoid contact with skin and eyes.
- Wear eye protection and suitable gloves and clothing.
- Do not eat, drink, or smoke while using this product.
- Take off contaminated clothing and wash it before reuse.
- 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 inhaled, remove them to fresh air and keep them at rest in a position comfortable for breathing.
- 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 if 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 and the Floorcovering Manufacturer's instructions and the floorcoverings must be 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.

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