

# RLA 1000 Hybrid Resilient Flooring adhesive

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## **PRODUCT DESCRIPTION:**

RL1000 Hybrid Adhesive is a single-part, VOC compliant isocyanate free water resistant resilient flooring adhesive. RL1000 Flooring Adhesive is recommended for use in wet areas for bonding approved vinyl, rubber and linoleum floorcoverings to most common internal and external subfloors.

It is suitable for areas such as bay windows, glass shop fronts, and other areas that are exposed to sun light.

It has excellent plasticiser resistance and non staining properties.

It is protected against bio-degradation, withstands normal wet cleaning practices and is suitable for use over underfloor heating installations.

## **SURFACE PREPARATION:**

To be in accordance with the current Australian Standard "Floor Coverings - 1884-2012 Resilient Sheet & Tiles - Laying & Maintenance Practices"

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- 2012 standard.

RL1000 can be applied onto concrete substrates with moisture contents up to 85% relative humidity tested based on the In-Situ Probe method. Alkalinity of the concrete (pH) must not be higher than 10.

Subfloors must also be free hydrostatic pressure and laitance on concrete substrates should be removed prior to the use of this adhesive.

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

Test all concrete substrates for moisture content, according to the current Australian Standards prior to priming or the installation of any floorcoverings.

Priming is only generally required when installing on overly porous subfloors, if priming is required use RLA's PU95.

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

## **APPLICATION:**

Spread adhesive with the recommended notched trowel.

Resilient Flooring Thickness up to 3mm & Smooth back flooring it is recommended to apply the adhesive with a 1.6mm x1.6mm 'V1' notched trowel.

Resilient Flooring Thickness over 4mm & Textured back resilient flooring – Linoleum, Rubber and Vinyl Sheeting apply adhesive with a 2.4mm x2.4mm 'V2' notched trowel.

Once the pail is opened, remove the protective film material and apply the adhesive with the recommended notched trowel.

Apply only the amount of adhesive that can be covered within the open time of the adhesive.

Allow adhesive to air – generally 5-10 minutes at 20°C before lowering the floorcoverings into the Wet Film of adhesive and roll in both directions to ensure transfer has occurred.

Airing times will depend upon temperature, humidity conditions and substrate absorbency.

Ensure there is a 100% transference rate of adhesive to the back of the floorcovering.

Curing time is very much dependent upon temperature and ambient relative humidity. The initial bond sets up within approximately 4-5 hours and final cure is reached after 7 days. Over this 7 day period, the bond gradually increases in strength. Do not allow heavy traffic for 24 hours.

As the adhesive is moisture curing, the unused adhesive in the pail should immediately be covered over with the protective film to ensure the adhesive doesn't skin over.

### **CLEAN UP**

To clean up equipment and adhesive spills, use Roberts 900 Contact Cleaner (flammable). Roberts 900 is not recommended for removing adhesive from carpet, vinyl or lacquered surfaces. RLA's Aftek handy wipes are also recommended for use.

### **COVERAGE:**

Resilient Flooring Thickness up to 3mm & Smooth back flooring – LVT, Rubber & Vinyl Sheeting

Trowel size – 1.6x 1.6 x1.6 'V1' notched

Coverage approx. 3-4 m<sup>2</sup>/kg

Resilient Flooring Thickness over 4mm & Textured back resilient flooring – Linoleum, Rubber and Vinyl Sheeting

Trowel size – 2.4x 2.4 x 2.4mm 'V2' notched

Coverage approx. 2-2.5 kg

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

12 months when stored in original unopened packaging

To be stored in a dry area off the ground.

### **CONTAINER SIZES**

10 Litre Pail

### **SAFETY & HANDLING**

Refer to Material Safety Data Sheet. Avoid contact with skin and eyes, avoid breathing vapours. Wear protective gloves and safety glasses when mixing and using. These materials may cause skin irritation and/or sensitization.

### **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 specification.

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

RLA Polymers will replace product free of charge when purchased from any legally verifiable source, and where 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 the relevant Australian Standard and the Floorcovering Manufacturers instructions and the floorcoverings must have been subject to normal traffic conditions.

Warranty doesn't not 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)

**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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