

PRODUCT DATA – RLA Universal RESILIENT Adhesive

RLA Universal Resilient Adhesive

PRODUCT DESCRIPTION:

RLA Universal Resilient Adhesive is an acrylic co- polymer hard set adhesive with strong initial tack qualities and bond for a range PVC vinyl and textile floorcoverings

It has excellent plasticiser resistance and non staining properties.

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

FEATURES & BENEFITS

- ✓ Installer Friendly
- ✓ Building Green Credits
- ✓ Green Star Compliant
- ✓ Strong Initial Tack
- ✓ Solvent Free
- ✓ VOC Emission
- ✓ Anti-microbial Formulation
- ✓ Low Odour
- ✓ Australian Made

FOR BONDING:

It 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 4.0mm.

Note: With variations on the composition of Rubber Floorcoverings, it is recommended to conduct a test to confirm adhesion suitability.

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SURFACE PREPARATION:

To be in accordance with the current New Zealand NZS AS 1884 and Australian AS 1884 Standards -Floor Coverings - 1884-2012 Resilient Sheet & Tiles - Laying & Maintenance Practices” or Australian Standard 2455.2.2019 “Textile Floor Coverings - Installation Practice”.

All surfaces to be bonded 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.

The minimum subfloor temperature before commencing surface preparation and adhesive application is 10°C. RLA Resilient can be applied to concrete substrates with moisture contents up to 85% relative humidity tested with the In-Situ Probe method. RLA Resilient can be applied to concrete substrates with pH readings up to 10.0.

If mechanical preparation is required prepare the floor using recommended preparation methods such as shot blasting, 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 Australian Standards prior to priming or the installation of any floorcoverings.

Indentations and uneven concrete subfloors should be treated with the **RLA** range of levelling compound and be in accordance with manufacturer’s recommendations.

APPLICATION:

Spread adhesive with the recommended notched trowel.

For the application of Sheet Vinyls, Vinyl Planks and Tiles it is recommended to apply the adhesive with a 1.6mm x1.6mm ‘V1’ notched trowel.

For the application of Linoleum, spread adhesive with a 2.4mm x 2.4mm ‘V2’ notched trowel.

Floorcoverings with a textured or embossed backing it is recommended to apply adhesive with a 2.4mm V2 notched trowel.

For hard to hold carpets installed indoors, it is recommended to apply the adhesive with a 3.2mm x 3.2mm “V3” notched trowel.

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

Allow adhesive to develop some initial tack – 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.

Tack-up times will depend upon atmospheric conditions and substrate absorbency.

When using adhesive on hard to hold floorcoverings or textile floorcoverings that may have a memory, allow the adhesive to develop some initial tack – generally 10-15 minutes at 20°C, the adhesive should be partially tacked up and equally partially wet before lowering the floorcoverings into the Wet film of adhesive.

Please ensure it is rolled in both directions to ensure transfer has occurred.

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APPLICATION: Continue

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 of no less than 10mm. Before back rolling occurs it is recommended the roller (dry) is 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 be taken to ensure the material is applied to the entire surface. Allow the adhesive to develop some initial tack – generally 10-15 minutes at 20°C before placing the floorcoverings into the wet film of adhesive and roll in both directions to ensure transfer has occurred.

Tack-up time will depend upon atmospheric conditions and substrate absorbency.

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. Do not allow heavy traffic for 24 hours.

SPREAD RATE:

- Coverage when applying adhesive with a 1.6mm (V1) notched trowel will achieve up to 5 square metres per litre.
 - Coverage when applying adhesive with a 2.4mm (V2) notched trowel will achieve up to 3 square metres per litre.
 - Coverage when applying adhesive with a 3.2mm (V3) notched trowel will achieve up to 2 square metres per litre.
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CLEAN UP:

Clean tools immediately after use with warm soapy water. Dried adhesive may be cleaned off with warm soapy water applied to a damp cloth then rubbed gently over the dried adhesive or alternatively please use suitable Handy Wipes..

PACKAGING SIZES

15 litre plastic containers

SHELF LIFE / STORAGE:

12 months in unopened containers stored out of direct sunlight.
Keep in well ventilated areas stored out of direct sunlight.

NOTES & PRECAUTIONS:

- Don't allow the adhesive to skin over or dry out, it is important the floorcovering being bonded is installed into the Wet film of adhesive
 - Don't apply adhesive in direct sunlight.
 - For Internal use only
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SAFETY & HANDLING

A Safety Data Sheet is available on request.

Product is classified as NON-DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.

FIRST AID

For advice contact a Poison Information Centre (Australia PH: 13 11 26, New Zealand PH: 0800 764 766) or a doctor at once. A Material Safety Data Sheet is available on request.

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Disclaimer

If the guidance provided by the floorcovering manufacturer contradicts the information presented in this Technical Data Sheet, it is essential to follow the guidance of the floorcovering manufacturer.

The information provided in this data sheet is accurate and based on our expertise and experience at the time of printing. It is your responsibility to ensure that you use and handle our products appropriately, following the applicable standards, instructions, and recommendations, and only for their intended purposes. We may update the information in this data sheet without prior notice to you to reflect our continuous research and development efforts.

Specific installation recommendations may vary depending on local standards, codes of practice, building regulations, or industry guidelines. Our supply of products and services is subject to specific terms, warranties, and exclusions, which may have been previously disclosed to you or available upon request. It is essential that you familiarise yourself with these terms.

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