

PRODUCT DATA –RLA 999 Pressure Sensitive Adhesive

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PRODUCT DESCRIPTION:

RLA 999 Pressure Universal Sensitive Adhesive is a solvent free pressure sensitive adhesive formulated for installing PVC backed, fibre backed, cushion back carpet tiles and reinforced vinyl composition tiles. It is also highly recommended for installing laminated slab underlays used in Double-Bond carpet installation.

RLA 999 can be applied to concrete substrates with moisture contents up to 85% relative humidity tested with the In- Situ Probe method.

FEATURES & BENEFITS

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

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.

Test all concrete substrate flooring for moisture content, according to all relevant and current New Zealand and 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.

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APPLICATION:

Spread adhesive with the recommended notched trowel.

For securing Double-Bond underlays to a substrate it is recommended to apply adhesive with a 1.6mm x1.6mm “V1” notched trowel.

Bonding Carpet Tiles to subfloor when laid in a releasable mode we recommend the use of 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 sub floor, 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.

For installation of Carpet Tiles on double bond underlays a 1.6mm x 1.6mm “V1” notched trowel is recommended.

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

RLA 999 Universal Pressure Sensitive Adhesive is used in dry mode, allow the adhesive to dry and become clear, this will limit the transfer of the adhesive to the back of the carpet tiles therefore 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 prior to it drying completely, this will cause some transfer onto the back of the material.

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

SPREAD RATE:

Coverage when applying adhesive with a Long Nap Roller Pile height no less than 10mm can achieve an approximate spread rate of 8-10 square metres per litre.

“V1” 1.6mm x 1.6mm notched trowel will achieve approximately up to 5 square metres per litre.

“V2” 2.4mm x 2.4mm notched trowel will achieve approximately up to 3 square metres per litre.

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

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SETTING TIMES:

RLA 999 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. 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 RLA Handy Wipes.

PACKAGING SIZES

15 litre containers

SHELF LIFE / STORAGE:

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

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.

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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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