

TECHNICAL DATA – MS TIMBER FLOORING ADHESIVE

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Single part, solvent & isocyanate free MS timber flooring adhesive.

DESCRIPTION:

MS Timber Flooring Adhesive is a single-part, permanently flexible solvent and isocyanate free MS timber flooring adhesive.

FEATURES AND BENEFITS:

- Non Flammable.
- Solvent & Isocyanate free.
- Will not re-emulsify with water contact.
- Easy to trowel & spread.

RECOMMENDED USES:

MS Timber Flooring Adhesive is recommended for bonding approved acoustic underlays to most common subfloors. **MS Timber Flooring Adhesive** is also recommended for bonding, solid timber flooring, Parquet flooring and engineered timber flooring to approved acoustic underlay as well as directly to most common subfloors.

SURFACE PREPARATION:

Subfloors must be dry, sound, smooth and clean in accordance with the relevant Floorcoverings Australian Standards. Subfloors must be dry, absorbent, solid, sound clean and free of wax, grease, oil, polishes, old adhesive, curing compounds and any other surface contaminants that may affect adhesion.

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

The minimum subfloor temperature before commencing installation should be 10°C

Do not use solvents, or acid etching to clean the subfloor.

Where temperatures are less than 10°C or greater than 28°C are encountered, contact our technical staff for advice.

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Concrete slabs can be a source of excess moisture, which timber absorbs leading to swelling, expansion, cupping and ultimately damage to timber boards and their surroundings. To prevent moisture migration, apply 2 coats of RLA Moisture seal as per the technical data sheet. Ensure the second coat is applied perpendicular to the direction of application of the first coat. Application in different directions will better achieve a continuous protective barrier across the substrate.

Porous surfaces should be sealed with a RLA Moisture Seal or a single part polyurethane sealer and allowed to dry (in accordance with the manufacturer's instructions) prior to using this adhesive. Uneven or damaged floors should be repaired with a suitable cement levelling compound (in accordance with the manufacturer's instructions).

Concrete subfloors must be sufficiently cured. Ensure the relative humidity (RH) is below 75% (tested as per ASTM F2170 insitu probe method). If the RH of the sub-floor is above 75% use a suitable 2 part Epoxy Moisture Sealer or a single part polyurethane moisture sealer.

Structural particle board flooring should be sanded with a coarse grit paper. Structural flooring should then be primed using a suitable 2 part epoxy sealer or a single part polyurethane sealer and allowed to cure (in accordance with the manufacturer's instructions) prior to the application of this adhesive.

If in doubt regarding the suitability of the sub-floor, always contact the manufacturer.

APPLICATION:

BONDING ACOUSTIC UNDERLAY TO THE SUB-FLOOR

1. Apply the adhesive evenly with a V2 or V3 trowel (2-3mm notched trowel dependant on underlay type) at a rate of approx. 1.2-1.5m² per litre.
2. Install the underlay into the wet adhesive film.
3. Roll the underlay with a suitable roller to ensure complete transference of adhesive is achieved between the underlay and subfloor.
4. Allow the adhesive to dry for 24 hours prior to installing the floor-covering.

BONDING TIMBER FLOORING SYSTEMS TO ACOUSTIC UNDERLAY

1. Apply adhesive evenly with a V3-V5 trowel (3-5mm notched trowel - please refer to the timber manufacturer's instructions for specific trowel size) at a rate of approx. 1 – 1.2m² per litre.
2. Install the timber into the wet adhesive. Note: Ensure the adhesive does not skin over and dry prior to installing timber flooring. For best results timber flooring should be installed within 30 minutes of the adhesives application.
3. Ensure the timber makes good contact with the adhesive to enable complete transference of adhesive between the underlay and timber backing. This can be achieved by clamping, weighting or other means of applying downward pressure whilst installing the timber flooring.
4. Once the timber is installed do not allow heavy traffic for 24 hours.
5. Sanding can commence 3 to 7 days after the completion of the entire installation.

Please note: Sanding times may vary due to climatic conditions please check with the manufacture.

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PRECAUTIONS:

- Please ensure the flooring is placed into the wet film of adhesive and apply sufficient pressure to ensure transfer occurs between the adhesive film and floorcovering.
- A minimum of 90% (Transfer) contact between the substrate and the back of each individual piece of timber is required and maintain full contact with adhesive until full cure is achieved after a minimum of 24 hours (mechanical fixing or weighing down is recommended)
- Do not walk on laid matting during the first four hours after installation. Avoid air entrapment when making the bond or filling joints. For application details of timber flooring systems, contact the timber flooring manufacturer. Care should be taken to prevent any reaction or damage pre finished timber coatings.
- Do not use adhesive in excessive hot or cold conditions i.e. below 10°C or above 28°C.
- This adhesive will not stand up to hydrostatic pressure or capillary action.
- Ensure your trowel is notched to the manufacturer's recommendations at all times.
- Timber flooring systems must be acclimatised, refer to the timber flooring manufacturers recommendations, prior to the use of this adhesive.
- If in doubt regarding suitability of adhesive, always contact the manufacturer.
- Always follow manufacturer's instructions.
- Do not apply over acrylic or PVA primers/sealers.
- Not recommended to be used in totally confined spaces as requires atmospheric moisture to cure properly.
- Do not expose to water or alcohol based cleaners before full cure.
- Must be fully cured before sanding, allow a minimum of 72 hours.
- Compatibility tests must be first carried out. Due to many forms of timber flooring available today, preliminary adhesion testing should be undertaken by the installer to confirm adhesion. RLA Polymers can assist on large projects.
- Do not apply over dense burnished concrete surfaces without abrading first to obtain a mechanical key for the adhesive to bond to.

CURE TIME:

Cure times can vary substantially and are dependent on weather conditions such as temperature and humidity. Typically, MS will form a firm skin in two hours and cure in approximately 24 hours. Hotter and more humid conditions will increase the rate of cure and decrease the skin time, whereas colder climates and lower humidity will decrease cure times and increase skin times.

CLEAN UP:

Clean tools and equipment immediately after use with a suitable solvent such as white spirits or mineral turpentine or Aftek Handy Wipes. Cured **MS Timber Flooring Adhesive** must be removed by mechanical means or with Aftek Handy Wipes.

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STORAGE & HANDLING:

Storage: For optimum shelf life, store in tightly closed original containers out of direct sunlight.
Shelf Life: 12-14 months in a sealed container out of direct sunlight

DISPOSAL:

Please dispose of empty container and residue in accordance with your local waste management regulations.

HEALTH & SAFETY:

In use, please ensure that Occupational Health and Safety requirements are observed. If swallowed, give plenty of water. Do not induce vomiting. Seek medical attention.

Skin: Wash off with warm water and soap.

Eyes: Irrigate with water for 10 minutes and see a doctor. *Safety Data Sheet available upon request.*

AVAILABILITY:

MS Timber flooring adhesive is available Australia wide through the RLA Group distributor network. Please contact RLA Group 1800 242 931 to find out where your nearest stockist will be.

TECHNICAL SUPPORT:

RLA Polymers manufactures a comprehensive range of high quality, high performance construction products. In addition, RLA Polymers offers technical support and on-site advice to specifiers, end users and contractors.

Please contact your RLA Polymers sales representative or RLA Head Office for this service

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 installed 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 Manufacturer's instructions and the floorcoverings must have been subject to normal traffic conditions. Warranty does 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

Mail: 215 Colchester Road Kilsyth Victoria 3137 (attn Customer Services)

TECHNICAL DATA – MS TIMBER FLOORING ADHESIVE**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.

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DISCLAIMER

The information and any recommendations relating to the application and end-use of all RLA products are provided in good faith based on RLA's knowledge and experience of the products. In applications, the differences in materials, and variances of substrates and actual site conditions can vary such that no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be taken as inferred either from this information, or from any written recommendations, or from any other advice offered by RLA. The proprietary rights of third parties must be observed. All orders are accepted subject to our sale terms and conditions. All users should always refer to the most recent and up to date issue of the Technical Data Sheet for the product concerned, which is available on request. It is recommended that products should always be properly stored, handled and applied under tested and recommended conditions.
PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.