

# Keratrade MaxiMAS

## Timber flooring adhesive

A fast curing timber floor adhesive



Keratrade MaxiMAS is a versatile 2:1 flexible adhesive and moisture barrier designed for bonding various types of timber floors to suitable indoor substrates. This universal timber floor adhesive is both solventfree and water-free, providing a safe and reliable solution for professional flooring applications. Curing through a chemical reaction,

Keratrade MaxiMAS forms an elastic, non-shrinking adhesive layer resistant to moisture and heat within 12-24 hours (at 21°C and 50% RH). Its formulation minimizes the risk of timber deformation, ensuring long-lasting performance. The adhesive boasts excellent adhesion to most common construction substrates, making it a trusted choice for durable and stable installations in the building and construction industries.

#### KEY BENEFITS:

**2:1 Flexible Adhesive:** Balances flexibility and strength for reliable bonding.

**Moisture Barrier:** Protects timber flooring from moisture-related damage.

**Solvent & Water-Free:** Prevents timber warping or deformation.

**Durable & Non-Shrinking:** Ensures long-term stability and resistance to environmental factors.

**Versatile Application:** Adheres effectively to most indoor substrates.

Keratrade MaxiMAS forms a durable skin quickly, minimizing dust and dirt pickup. It can be applied in thick layers without shrinking or bubbling and ensures a clean finish without staining. The product is highly compatible with commonly used flooring systems and resists yellowing, cracking, or aging even under harsh weather conditions and intense UV exposure.

Free from solvents, isocyanates, and silicones, Keratrade MaxiMAS provides a safe and reliable solution that meets modern environmental standards while delivering superior performance.

#### Features and Properties:

**Fast Curing:** Quickly forms a durable bond at ambient temperatures.

**Ready to Use:** Convenient one-component formula, no mixing required.

**Excellent Bond:** Provides superior adhesion to a wide range of materials.

**Very Fast Drying:** Reduces project completion time with rapid curing.

**Carbon Fiber Technology:** Delivers enhanced strength and durability for demanding applications.

**Built-in Moisture Barrier:** Protects against moisture for long-lasting performance.

**Acoustic Properties:** Reduces sound transmission, contributing to quieter spaces.

**Highly Flexible:** Maintains elasticity under stress for extended reliability.

**Great Beading Stability:** Ensures precise application without sagging or smearing.

**Suitable for Underfloor Heating:** Performs reliably in systems with temperature fluctuations.

**Solvent-Free:** Safe and environmentally friendly, containing no harmful substances or carcinogens.

**Easy Clean-Up:** Simplifies post-application maintenance.

#### SUBSTRATE PREPARATION:

Ensure the surface is clean, dry, and free from materials that may impair adhesion, such as dirt, oil, grease, or any other contaminants. Cracks should be repaired prior to application.

- **Cement and Calcium Sulphate Screeds:** These must be abraded and thoroughly vacuumed to remove any loose material and dust.
- **Testing:** Test the substrate in accordance with applicable standards or guidelines and report any deficiencies.
- **Removal of Adhesion-Reducing Layers:** Any unstable layers (e.g., release agents, loose adhesives, compounds, coverings, or paint residues) should be removed through brushing, abrading, grinding, or shot-blasting.
- **Vacuuming:** After cleaning, ensure all loose material and dust are thoroughly vacuumed away to ensure optimal adhesion.

**Priming:** Priming is generally not required for standard, dry substrates suitable for wood flooring, such as cementitious or precast screeds.

#### APPLICATION

1. **Pre-Use Preparation:** Before use, allow the adhesive to come to room temperature for optimal performance.
2. **Opening and Preparing the Adhesive:** Once opened, remove the foil cover and, if necessary, discard any surface skin that may have formed. Do not mix the skin back into the adhesive.
3. **Applying the Adhesive:** Use a suitable notched trowel to apply an even coat of adhesive onto the substrate. Apply only as much adhesive as can be laid with good transfer onto the back of the wood flooring within the working time.
4. **Laying the Flooring:** Press the wood flooring elements firmly into place to ensure proper adhesion.
5. **Cleaning:** Any hardened adhesive can only be removed mechanically, so be sure to clean up excess adhesive while it is still wet.

These steps will ensure the best bond and performance when using Keratrade MaxiMAS for wood flooring applications.

Keratrade MaxiMAS is a high-performance adhesive that provides a moisture vapor barrier and acoustic control, making it ideal for timber flooring installations.

#### 1. Trowel Selection:

- For Plywood or Particleboard: Use a B3 (3mm) notched trowel to ensure even adhesive application.
- For Direct Stick to Concrete: Use a B5 (5mm) notched trowel for better coverage and adhesion.

#### 2. Moisture Seal and Vapor Barrier:

- When using Keratrade MaxiMAS as a moisture seal and vapor barrier, apply with a B5mm or 5mm V-notched trowel, ensuring full coverage across the substrate for optimal moisture protection.

#### 3. Timber Placement:

- Place the timber flooring onto the adhesive immediately after application to ensure proper bonding and avoid the adhesive drying out.

By following these steps, you will achieve superior bonding with moisture and acoustic control benefits for your timber flooring installation

Item Code: MaxiMas-600mL

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Store the product securely, and check with your local council regarding the disposal of contents. Dispose of packaging thoughtfully and recycle where possible. Keep out of reach of children. If you feel unwell, consult a doctor. For more information, refer to the Safety Data Sheet (SDS) available at [www.buildgreen.au](http://www.buildgreen.au)

#### **GUARANTEE**

BuildGreen guarantees that Keratrade Products are free from manufacturing defects and will meet any applicable specifications published by us for a period of 10 years from the date of purchase. Refer to the BuildGreen Guarantee.

#### **DISCLAIMER**

The technical details and recommendations are provided based on the best knowledge at the time. It is the user's responsibility to ensure the correct use and handling of the products in line with applicable Australian Standards. Users should verify that the product is appropriate for their specific applications and meets system specifications. We reserve the right to change information without prior notice as part of ongoing research and development.

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### CLEAN-UP

#### 1.For Uncured Product:

- Use Eucalyptus oil or mineral spirits to clean up any uncured adhesive from tools, surfaces, or surrounding areas.

#### 2.For Cleaning Timber:

- Use cleaning agents recommended by the floor covering manufacturer to ensure safe and effective cleaning of the timber flooring.

#### 3.For Cured Product:

- To remove cured adhesive, carefully use a scraper to avoid damaging the timber, then follow up with mineral spirits to clean any remaining residue.

This simple clean-up process ensures that both your tools and flooring remain in good condition while effectively removing Keratrade MaxiMAS adhesive.

### PRODUCT PROPERTIES

**Shelf Life:** 9 months when stored in moderately cool conditions and in its original packaging.

**Frost-resistant** down to -25°C.

**Once opened**, carefully reseal the container tightly with the foil cover and use the contents quickly.

**Temperature and Humidity Conditions for Application:**

- Best applied between 18°C - 25°C with the floor temperature above 15°C and relative air humidity below 65%.
- Low temperatures and low air humidity will extend the working and drying time, while high temperatures and high humidity will shorten them.

### SUBSTRATE AND FLOOR PREPARATION:

- The substrate must be even when installing large-size elements.
- The minimum thickness of any levelling compound beneath the adhesive should be 2 mm. Ensure the levelling compound is thoroughly dry before application.
- The substructure of wooden floors must be dry. Adequate ventilation or rear-ventilation should be provided, such as by removing the existing expansion strip or installing special skirtings with ventilation holes.
- Standard wood humidity should be observed, along with maintaining an adequate and uniform distance to rising components, based on the type of wood flooring and room size.

### DRYING AND TREATMENT TIMES:

- Ready for grinding and surface treatment after 24 hours, provided the wood is at standard humidity, air humidity is appropriate, and the wood flooring has been properly acclimatised.

### GENERAL INSTALLATION GUIDELINES:

- Follow the generally acknowledged rules of the trade and technology for the installation of wood flooring, as specified by relevant national standards (e.g., EN, DIN, OE, SIA).
- By adhering to these product properties and application guidelines, Keratrade MaxiMAS ensures reliable performance and optimal results in your timber flooring installation.
- Protection of the Workplace and the Environment:

- Solvent-Free: The product is solvent-free and non-flammable.

### SAFETY MEASURES:

**Ventilation:** Provide good ventilation in the work area to minimize inhalation risks.

**Protective Gear:** Use barrier cream, protective gloves, and safety goggles to protect against skin and eye contact.

### FIRST AID:

- After skin contact, wash immediately with plenty of water and soap.
- In case of eye contact, rinse immediately with plenty of water and seek medical advice.

### POST-CURING

- Once cured, Keratrade MaxiMAS has a neutral odour and presents no physiological or ecological risk.

### IMPORTANT:

- Always observe the safety information on the product label and the safety data sheet to ensure proper handling and protection.

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