



GREEN SOLUTIONS GS500

Safe Grip Timber Flooring Adhesive

BENEFITS

- ✓ Installer Friendly
- ✓ Creating A Safer Work Environment
- ✓ Beneficial To Building Occupant
- ✓ Building Green Credits
- ✓ A Good Environmental Choice
- ✓ Easy Application
- ✓ Greater Coverage
- ✓ Less Clamping Required
- ✓ Forms Stable Peaks

RLA POLYMERS GREEN SOLUTION HIGH PERFORMANCE COMMERCIAL PRODUCTS are helping you to have a safer work place. During the installation period and for some further time, they will help improve the occupied work space air quality by reducing green house gas, solvent, organic and other volatile emissions.

Safe Grip Green Solutions High Performance Timber Flooring Adhesive is a non hazardous, isocyanate free, moisture curing timber flooring adhesive which provides a high initial grab and bond strength.

Safe Grip Green Solutions High Performance Timber Flooring Adhesive is a one part, polymer based adhesive which is specifically formulated to adhere to most types of wood, parquet, strip and sheet timber flooring systems. **Safe Grip Green Solutions High Performance Timber Flooring Adhesive** contains no water or solvents, minimizing the risk of deforming timber flooring.

RECOMMENDED USES

Suitable for:

- bonding all types of wooden flooring
- all indoor substrates including concrete and ceramic
- porous substrates
- floors with under-floor heating

FEATURES

- ✓ Non Hazardous
- ✓ Isocyanate Free
- ✓ GECA Compliant
- ✓ Green Star Compliant
- ✓ Very Low VOC Emission
- ✓ Very Low Odour
- ✓ Rapid Cure and build up of Bond Strength
- ✓ Solvent Free
- ✓ Water Free

PREPARATION

Sub floor must be free of oil grease, wax, curing compounds, dust, old adhesive and any other contaminants which may inhibit bond. Diamond grinding, shot blasting or scarifying is the preferred method of preparation for large areas to remove any contamination.

Before installation of the timber / parquet, the substrate should be checked to ensure it is suitable.

When installing a timber / parquet floor on top of marble, terrazzo or ceramic tiles they must first be cleaned with caustic soda or another suitable cleaner. Once cleaned, rinse the tiles thoroughly with clean water and ensure the floor is completely dry before applying adhesive.

Check the moisture content throughout the entire thickness of the substrate with a carbide or electric hygrometer. Concrete floors must be dry in accordance with Australian Standards 1884 -1985 "Appendix A 70% Relative humidity maximum". Where temperatures less than 10°C or greater than 30°C are encountered, contact RLA technical staff for specific advice.

For new concrete and instances where excessive levels of moisture are present RLA GS820 Green Solutions High Performance Moisture Sealing Compound should be used.



Lic: RLA-2008
www.geca.org.au



The application, use and processing of our products is the responsibility of the user. Any technical or other advice, information or data provided by us, whether verbally, in writing or by way of trials or tests, is given without guarantee or warranty. Refer to Material Safety Data Sheets for information on Storage & Handling, Health and Safety, and Transport.

RLA POLYMERS PTY LTD

ACN 004 709 915

215 Colchester Road, Kilsyth, Victoria 3137 Australia
P.O. Box 147, Kilsyth, Victoria 3137 Australia
Telephone: (03) 9728 1644 • Facsimile: (03) 9728 6009
E-mail: info@rlapolymers.com.au • Web: www.rlapolymers.com.au

vita A British Vita Group Company



67 Dalgety Drive (P.O. Box 97-575)
Manukau City, Auckland, New Zealand
Telephone: (9) 268 0301
Facsimile: (9) 268 0305

RLA 044B

PRODUCT
DATA

SOLUTIONS FOR INDUSTRY

If the concrete substrate is uneven and requires levelling RLA Polymers recommends the use of GS900 Green Solutions High Performance Levelling Compound.

PRIMING

Safe Grip Green Solutions High Performance Timber Flooring Adhesive generally does not require priming.

APPLICATION

Safe Grip Green Solutions High Performance Timber Flooring Adhesive should be allowed to acclimatise to room temperature prior to installation.

Apply the adhesive to the surface by means of a suitable notch trowel (generally 3 - 4mm). Do not apply more to the surface than can be covered within 30 minutes. Slide the flooring onto the adhesive layer and tap into place or tamp down with a rubber hammer. Use enough pressure to ensure full contact between timber and adhesive.

A minimum of 80% coverage is required to ensure perfect adhesion. Loading the flooring with weights will improve the final bond strength.

Wait at least 24 hours before sanding and finishing the timber flooring.

TIMBER FLOORING

Refer to timber manufacturers' installation guides.

The timber flooring must be acclimatised for several days in the area where it is to be installed. Leave the timber in its original packaging until installation to avoid deformation. Check before installation that the moisture content of the timber is as recommended by the supplier. If the humidity of the wood is greater than 11% installation is not recommended.

Allow a gap of 1 to 1.5cm around the perimeter of the laid timber flooring, including any columns or structures that penetrate the floor.

TIMBER FLOORING RANGE

Item Code	Product Description	Pack Size	Colour
GS500	Safe Grip Timber Adhesive	600ml sausages 6kg foil bags 16kg pails	Light Brown
GS450	Primer (for use under Levelling Compound)	5 & 20 litre pails	Clear (dry)
GS820	Moisture Sealing Compound	8 & 20 litre pails	Grey
GS900	Levelling Compound	20 kg bag	Light Grey
GS920	Levelling Compound where flexibility is required	20 kg bag	Light Grey

Issued: November 2008

PRECAUTIONS

- Never install to substrates that are not protected from rising damp
- Do not apply the adhesive at temperatures below 10°C or above 30°C
- Do not apply the adhesive when the relative humidity is above 75%
- Never install onto a substrate that contains too much moisture or onto a substrate with a higher humidity value than recommended by the timber supplier
- Never install wood that is too dry, generally <7% humidity. This can expand at higher humidity or when the humidity rises and cause damage
- Do not install if the walls and ceilings of the area are not dry e.g. after plastering or painting etc
- Only for full surface bonding

COVERAGE

Depending on the substrate 800 – 1200 grams per square metre.

CLEAN UP

Uncured **Safe Grip Green Solutions High Performance Timber Flooring Adhesive** may be removed from tools and substrates with a mild solvent such as methylated spirits, acetone or alcohol. Cured adhesive must be removed mechanically by means such as trimming with a sharp knife.

SAFETY & HANDLING

This product does not contain isocyanate.

This product is not considered to be hazardous according to criteria of Worksafe Australia.

Apply the usual industrial hygiene precautions such as gloves and goggles.

Material Safety Data Sheet available upon request.