



# GREEN SOLUTIONS GS900

## Levelling Compound

PRODUCT  
DATA

### FEATURES

- ✓ Installer Friendly
- ✓ Creating A Safer Work Environment
- ✓ Beneficial To Building Occupant
- ✓ Building Green Credits
- ✓ A Good Environmental Choice

### BENEFITS

- ✓ Green Star Compliant
- ✓ Solvent Free
- ✓ Very Low VOC Emission
- ✓ Anti-microbial Formulation
- ✓ Very Low Odour

RLA POLYMERS GREEN SOLUTIONS 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.

GS900 is a self-smoothing cementitious underlayment specifically formulated for preparation of concrete sub floors prior to the laying of vinyl, carpet, tile and timber flooring.

The specially selected cements and polymers contained in GS900 produces an underlayment with exceptional adhesion to most prepared flooring materials. GS900 is suitable for sub floor heating.

### PREPARATION

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

**Note:** Concrete floors must be dry in accordance with A.S. 1884-1985 Appendix A 70% relative humidity maximum. Where temperatures less than 5°C or greater than 30°C are encountered, contact RLA technical staff for specific advice.

### PRIMING

Priming with GS450 or GS820 Moisture Sealing Compound is recommended to ensure good adhesion and reduce air release from the substrate, which causes pin boles of the underlayment.

Very absorbent concrete may require a second coat of primer.

### NON POROUS FLOORS

For ceramic tiles, terrazzo, painted or epoxy surfaces and seated or burnished concrete floors please contact your RLA Polymers distributor.

### MIXING

GS900 should be mixed using a drill and suitable paddle.

Use 1 bag (20 kg) GS900 with 5 litres of clean water. Slowly add 1/2 the bag of powder to the water while mixing thoroughly, and then add remainder of bag. Mix for 3 to 5 minutes to obtain a lump free mixture

**Note:** Do not over water as this will promote bleed and separation with a reduction in bond and tensile strength.

### APPLICATION

Apply the mixed compound to the primed substrate using a screed bar or trowel to give the required thickness. Maximum thickness applied in any one application should be limited to 15mm. GS900 self smoothes in the first 10 minutes. Do not attempt to rework material after 10 minutes.



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.

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RLA 0448

SOLUTIONS FOR INDUSTRY

**CLEAN UP**

Clean all equipment with water immediately after use.

**PACKAGING**

GS900: 20 Kg bags

**STORAGE**

GS900 is a cement-based product, which must be stored in a dry area off the ground and out of direct sun light.

**TYPICAL PROPERTIES****Coverage**

Approximately 12 sq m to 14 sq m @ approx 1mm thick or 4 sq m to 4.5 sq m @ approx 3mm thick depending on texture of substrate.

**Compressive Strength @ 20°C**

1 day -12Mpa  
7 days -24Mpa  
28 days -30Mpa

**Flow Work Time**

10 minutes

**Initial Set Times**

1 hour @ 20°C

**Ready for Adhesive**

24 hrs @ 3mm @ 20°C

**Thickness**

Maximum 15mm, however at thicknesses greater than 15mm, a clean 4-6mm washed and dried aggregate may be added to promote economy, (contact your local RLA Polymers distributor for technical information).

GS900 can be feathered.

**Adhesive**

RLA flooring adhesives have been tested and recommended for use with GS900.

**SAFETY & HANDLING**

Material Safety Data Sheet available upon request.

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