

GREEN SOLUTIONS GS420 NU SLAB SEAL

BENEFITS

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

FEATURES

- ✓ Green Star Compliant
- ✓ Green Tag Certified
- ✓ Solvent Free
- ✓ Very Low VOC Emission
- ✓ Anti-microbial Formulation
- ✓ Very Low Odour
- ✓ Australian Made

GREEN SOLUTIONS PREMIUM 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 greenhouse gas, solvent, organic and other volatile emissions.

PRODUCT DESCRIPTION

GS420 NuSlab Seal is a modified water-based acrylic compound, with a blue appearance, for sealing concrete and other cementitious substrates, cures to form a water resistant film.

GS420 Nu Slab Seal can tolerate relative humidity reading up to 95% tested with the In-Situ Probe method or 90% relative humidity tested with surface mounted hood test method, and can tolerate alkalinity readings up to pH level of 12.0

If moisture and pH readings are higher than this, or not falling the application of GS420 Nu Slab Seal it is not recommended.

Please note - GS420 NuSlab Seal is not a Moisture Barrier or a Water Proof Membrane and is not guaranteed against Hydrostatic Pressure or Rising Damp. While moisture testing may indicate acceptable moisture ranges for application of GS420 NuSlab Seal, it may not indicate whether Hydrostatic Pressure is present. If Hydrostatic Pressure is evident or a moisture barrier is required we recommend the use of RL20 Commercial MB Moisture Barrier.

ADVANTAGES

- Displays excellent long term resistance to urine, water, blood and most other common chemicals
- Complies with ATSM D1308-02 for the resistance to urine
- Pre mixed ready to use in convenient 15lt pail
- One coat application. (depending on substrate absorbency)
- Ideal for sealing concrete floors in hospital, health care and age care facilities
- Can tolerate high relative humidity and pH readings in concrete substrates
- A Floor Sealer for Green Substrates before the application of Pressure Sensitive and Carpet Adhesives
- A Green Slab Sealer / Primer to suspended concrete substrates before the application of RLA Cementitious products provided moisture levels are falling.

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

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SURFACE PREPARATION

To be in accordance with the relevant Australian Standards "Textile Floor Coverings Installation Practice" and Floor Coverings - Resilient Sheet & Tiles - Laying & Maintenance Practices".

All surfaces to be sealed to should be dry, smooth, absorbent, sound and clean.

Any previous coatings or curing compounds must be removed as substrate must be porous. All concrete subfloors must be tested for moisture content. Relative humidity readings should be determined as per ASTM F2420 or ASTM F2170.

GS 420 Nu Slab Seal must not be used on floors where the relative humidity readings are greater than 95% RH (In- Situ) and 90%RH (Surface Mounted).

Subfloors must be tested for pH, with results not to exceed 12.

If Moisture and pH levels exceed this, we recommend the use of RL20 Commercial MB Moisture Barrier.

NOTE - Subfloors must be mechanically prepared by way of either grinding, shot blasting, scabbling or sanding to achieve a roughened, absorbent/ porous surface that the sealer can key into satisfactorily.

Any previous coatings or curing compounds must be removed as substrate must be porous. **It is recommended a test area must be carried out on the surface that has been prepared to ensure suitable floor preparation has occurred and adhesion of the GS420 to the substrate is acceptable.**

GS 420 NuSlab Seal cannot be used if chemical or solvent cleaners have been used to clean the subfloor. The minimum subfloor temperature before commencing surface preparation and application is 10C.

APPLICATION

GS420 NuSlab Seal is to be used as follows:

Floor must be absorbent. If the floor is not absorbent do not proceed with the installation.

Apply one even coat with a long nap roller with a pile height of no less than 10mm.

Care and consideration should be taken to ensure the material is applied to the entire surface of the concrete substrate and no pinholing occurs.

If pinholing does occur a second coat is recommended.

For highly absorbent floors a second coat may be required, allowing a minimum of five hours between coats.

Allow to dry for a minimum of 24 hours to the appearance of a dry blue film.

Do not allow any traffic on sealer for minimum 24 hours. Care and consideration should be taken to ensure sealant coating is not damaged during this time.

Sealant film is not to be penetrated or its integrity compromised at any time.

For the installation of Carpet Tiles and Hessian Backs Carpets, Application of Carpet and Pressure Sensitive Adhesives can be applied after a minimum 24 hours from initial application of GS420 NuSlab Seal.

Application of RLA or Roberts Levelling Compound can be applied after a minimum 24 hours from initial application of GS420 NuSlab Seal.

Application of Levelling compound should not exceed 60 hours after application.

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RECOMMENDED ADHESIVES

For PVC Backed Carpet Tiles, Roberts 656 and GS300 Pressure Sensitive Adhesive.
For Hessian and Action BAC Carpets Roberts 100, Roberts 85 or Roberts 95 Wet Stick Carpet Adhesives

As GS420 is a floor sealer, when using 'wet stick' adhesives, water from the adhesive emulsion cannot dissipate into the subfloor. Therefore a short tack up time is recommended to allow evaporation and reduce the risk of carpet shrinkage.

Please note: Installation of Vinyl and Impervious backed carpets directly onto GS420 is not recommended. Application of Adhesives as per RLA Product Data Sheets

RECOMMENDED LEVELLING COMPOUND

GS420 Nu Slab Seal can be applied onto Green Suspended Concrete Substrates as a Green Slab Sealer / Primer before the application of levelling compound.

For the application of Levelling compounds onto GS420 we recommend Roberts 20, Roberts 25 and Roberts 30 Levelling Compound.

SPREAD RATE

Approximately 7-8 sq metres per litre
Spread rate may vary depending on substrate absorbency.

TYPICAL PROPERTIES

Appearance: Blue liquid
Base: Modified Acrylic
Viscosity: Rollable
Shelf Life: 12-14 months in seal container

Notes and Precautions:

- Not recommended for use as a Moisture Barrier or Water Proofing Membrane
- Do not apply onto substrates where Hydrostatic Pressure or Rising damp is present.
- Not recommended as a waterproofing barrier on ground floor or below grade surfaces such as basements, tunnels, lift wells, retaining walls and car parks.
- Do not apply onto substrates below 10°C or above 35°C.
- Don't not apply in direct sunlight.
- For Internal use only
- Not Suitable for particle board floors
- Do not apply over expansion joints
- Cannot be used if chemical or solvent cleaners have been used to
- Not to be used as a curing compound

STORAGE

For optimum shelf life store in tightly closed original containers out of direct sunlight

CLEAN UP

Clean tools immediately after use with warm soapy water.

SAFETY DATA SHEET

Available upon request.

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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 installer 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 Manufacturers instructions and the floorcoverings must have been subject to normal traffic conditions.

Warranty doesn't 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 Service)

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.

Disclaimer

All Statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed.

Users assume all risk and liability resulting from the use of the product and must confirm the suitability thereof by their own tests.

Conditions of Sale contain a limited warranty against manufacturing defects

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