



ROBERTS 420 MEDI SEAL

Concrete Sealer



PRODUCT DESCRIPTION:

Roberts 420 Medi Seal is solvent free, low odour, antimicrobial, low VOC water-based water based modified acrylic compound. It has a blue milky appearance and is used for sealing concrete and other cementitious substrates. This cures to form a clear and impervious film.

Roberts 420 Medi 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 Roberts 420 Medi Seal is not recommended.

Please note – Roberts 420 Medi 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 Medi 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 RLA Moisture Seal Moisture Barrier.

FEATURES AND BENEFITS:

- Installer Friendly
- Building Green Credits
- Green Star Compliant
- High RH Resistant
- Solvent Free
- LOW VOC Emission
- Anti-microbial Formulation
- Low Odour
- Australian Made

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 Health Care and Age Care Facilities before the application of Pressure Sensitive and Carpet Adhesives
- 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 (Two Coats) to suspended concrete substrates before the application of RLA Cementitious products provided moisture levels are falling

SURFACE PREPARATION:

To be in accordance with the current Australian Standard “Floor Coverings - 1884-2021 Resilient Sheet & Tiles - Laying & Maintenance Practices” or Australian Standard 2455.2.2019 “Textile Floor Coverings - Installation Practice”.

All surfaces to be bonded to should be absorbent, dry, smooth, sound and clean. Subfloors should be free from wax, grease, paints, previously used adhesive, hydrostatic pressure, polishes, PVC base membranes, laitance (being the dusty unstable topping of poorly or insufficiently cured concrete) and any other impurities or contaminants that may affect adhesion.

The minimum subfloor temperature before commencing installation should be 10oC

All concrete substrate floors should be tested for moisture content according to the relevant Australian Standards prior to installation. Indentations and uneven concrete subfloors should be treated with the Roberts range of levelling compound and be in accordance with manufacturer's recommendations.

NOTE - Subfloors must be absorbent/ porous surface to ensure that the sealer can key into the substrate satisfactorily.

Burnished or non- absorbent Concrete subfloors must be mechanically prepared by way of grinding, shot blasting, 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 Medi Seal to the substrate is acceptable.

APPLICATION:

Roberts 420 Medi 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 pin holing occurs.
If Pin Holing does occurs 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.

APPLICATION: Continued

Priming for the application of Levelling Compound
Two Coats of Roberts 420 Medi Seal is recommend.

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 Roberts 420 Medi Seal

Application of RLA or Roberts Levelling Compound can be applied after a minimum 24 hours from initial application of Roberts 420 Medi Seal
Application of Levelling compound should not exceed 60 hours after application.

RECOMMENDED ADHESIVES:

For PVC Backed Carpet Tiles, Roberts 656 Universal Pressure Sensitive Adhesive.

For Hessian Backed Carpets (Breathable Carpets) Roberts 100, Roberts 85 or Roberts 95 Wet Stick Carpet Adhesives

As Roberts Medi Seal 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, Vinyl Planks and Impervious Backed Carpets directly onto Roberts Medi Seal is Not Recommended. Application of Adhesives as per RLA Product Data Sheets

SPREAD RATE:

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

NOTES & 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.
- 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

CLEAN UP:

Clean tools immediately after use with warm soapy water.

CONTAINER SIZES:

15 litre containers

SHELF LIFE / STORAGE:

12 months in unopened containers stored out of direct sunlight.

Keep in well ventilated areas stored out of direct sunlight.

FIRST AID:

For advice contact a Poison Information Centre (Australia PH: 13 11 26, New Zealand PH: 0800 764 766) or a doctor at once. A Material Safety Data Sheet is available on request.

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 install 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 (attention 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 defect