FEATHER PRO MR

Moisture Resistant, Skim Smoothing Compound

DESCRIPTION:

RLA FEATHER PRO MR is rapid drying cement based skim smoothing compound that provides a smooth finish and even surface to a variety of internal substrates prior to the application of floorcoverings. It mixes easily with water to produce an easy to apply patching compound.
It is ready to accept most floor coverings after approximately 20 minutes and allows for quick and reliable installation under tight deadlines. Once dry it is suitable for the application of resilient and carpet floor finishes

FEATHER PRO MR can be applied to concrete substrates with moisture content up to 95% Relative Humidity (moisture reducing) tested with the In- Situ Probe method, and with pH readings of up to 12.0

FEATURES & BENEFITS:

- Excellent coverage
- Withstands up to 95% RH in concrete substrates
- Rapid drying - floor coverings can be installed after 20 minutes
- High adhesion strength over a range of surfaces including concrete, timber, ceramic tiles and terrazzo
- Can be applied from feather edge to 3mm in one coat
- Compatible with the range of RLA Flooring Adhesives

RECOMMENDED USE:

- Preparation and smoothing of surfaces for the application of vinyl and carpet floor finishes
- Not suitable for direct stick timber flooring applications
  INTERNAL USE ONLY

SURFACE PREPARATION:

- Substrates must be dry, sound, clean, and compliant to relevant National, State, and Local Building codes and applicable Australian Standards
- Substrates must be free from loose material, dirt, dust, wax, grease, oil, polishes, old adhesive, curing compounds, existing coatings, high levels of moisture, and any other contaminating materials that may affect adhesion of the overlaid levelling system
- Structurally unsound layers and surface contaminants must be mechanically removed using recommended methods including shot blasting and diamond grinding to provide a roughened, clean, sound, and open porous surface
- Thoroughly vacuum any loose material and dust
- Do not use solvents or acid etching to clean subfloors
- For resilient installations, relative humidity and pH readings must be carried out on the concrete substrate as per Australian Standard 1884-2021
- For substrates that display high moisture levels, RLA recommends that **RLA MOISTURE SEAL** is applied
- The minimum subfloor temperature before commencing installation should be 10ºC
- For ambient / surface temperatures less than 10°C or higher than 28°C, contact the RLA Technical department

PRIMING:

Priming is generally not required. Where it is to be installed over particularly porous substrates, it is recommended to prime surfaces using **RLA RAPID SEAL PLUS** Apply evenly using a roller or brush ensuring the entire area is covered and allowed to cure. Refer to the data sheet for specific application details

MIXING RATIO:

- **Use 2litres of water per 4.5kg bag**
- **Use 450mls of water per 1kg of powder**
- Place clean water in a clean pail and then add powder while mixing to achieve the desired consistency
- Small quantities can be mixed by hand
- For larger quantities, use a forced mechanical mixer with suitable mixing paddle to produce a smoother, creamier consistency
- It is essential to ensure the powder and water are evenly mixed for 3 minutes and the water is dispersed to obtain a lump free mix
- Do not over water as this will promote a reduction in bond and tensile strength
  DO NOT ADD EXCESS WATER

APPLICATION:

- Apply Feather Pro in one coat from feather edge to 3mm
- Apply the mixed compound to the prepared substrate with a trowel at the required height adjustment or incline to obtain the required thickness
- If applying over ceramic tiles and other non-absorbent substrates, applying a 3mm coating is recommended to ensure the adhesive can wet out correctly.
- The mixed quantity must be used within 10 minutes at a temperature of 23°C

SETTING TIMES:

- Feather Pro MR will harden after approximately 20 minutes and can be walked on after this time.
- The levelling coat will be ready to receive vinyl and carpet floor coverings fixed with adhesives after 30 minutes

Note: Setting times based on normal ambient temperatures of 23°C and 50% RH. Setting times may vary depending on temperature and humidity

COVERAGE:

9m² per 4.5kg bag at 1mm thick

CLEAN UP:

Clean tools immediately after use with water

SHELF LIFE / STORAGE:

12 months when stored in original unopened packaging
Stored in a dry area off the ground

PACKAGING:

4.5kg bags (in plastic pail)

HEALTH & SAFETY:

For information and advice on the safe handling, first aid, storage and disposal of chemical products, users must refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data

NOTES & PRECAUTIONS:

- Drying times are extended when applied in cold ambient temperatures
- Do not allow Feather Pro MR to come into contact with water during or after the curing process
- Do not apply to substrates subject to rising damp or hydrostatic pressure
- For substrates that are above 95% RH, apply RLA MOISTURE SEAL before subsequent application
- Do not apply over expansion joints as reflective cracking may occur
- Not suitable for direct stick timber flooring application
  INTERNAL USE ONLY

PRODUCT INFORMATION:	
Colour	Grey
Shelf life	12 months
VOC	5g/L
Packaging	4.5kg
Coverage – 4.5kg Bag	9m² at 1mm
APPLICATION DATA 23°C AT 50% RH:	
Mixing Ratio	2litres of water per 4.5kg bag / 450mls of water per 1kg powder
Open Time	10 minutes
Setting Time	20 minutes
Application Temperature Range	From +10°C to +28°C
Maximum Thickness	3mm
Foot traffic	20 minutes
Waiting time before subsequent bonding	30 minutes (as a skim coat)
pH of Mix	Approximately pH 12

WARRANTY STATEMENT:

RLA Polymers guarantees this product against manufacturing defects and guarantees it to be manufactured to our published specification.
We certify that this product is suitable for use when fully cured and will perform as described in our technical data sheet or other published materials.
RLA Polymers will replace the product free of charge when purchased from any legally verifiable source and where a 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 relevant Australian Standards.
Warranty doesn't 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)
WEBSITE: www.rlapolymers.com.au

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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