



F23 FEATHER

Skim Smoothing Compound



DESCRIPTION:

ROBERTS F23 FEATHER is rapid drying, Respirable Silica Compliant cement based skim smoothing compound designed to provide 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 20-30 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.

FEATURES & BENEFITS:

- Excellent coverage
- Rapid drying - floor coverings can be installed after 20-30 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 Roberts Flooring Adhesives
- RCS Compliant* (Respirable Crystalline Silica)

**Silica (Respirable Crystalline Fraction) levels are below the concentration limit for carcinogens (0.1%) as per schedule 6 of the Model Work Health Safety Regulations 2023.*

RECOMMENDED USE:

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

SURFACE PREPARATION:

Substrates must be dry, sound, clean, and per the relevant National, State, and Local Building codes, including applicable Australian Standards.

Substrates must also be free of wax, grease, oil, polishes, old adhesive, curing compounds, high levels of moisture, and any other surface contaminants that may affect adhesion.

If mechanical preparation is required, prepare the floor using recommended methods such as shot blasting and diamond grinding to provide a roughened, clean, sound, and open porous surface.

SURFACE PREPARATION continued:

Thoroughly vacuum loose material and dust.

The minimum subfloor temperature before commencing installation should be 10°C

Do not use solvents or acid etching to clean the subfloor.

For subfloors that display high moisture levels it is recommended an RLA Moisture Barrier be applied.

If temperatures are less than 5°C or higher than 35°C, contact the RLA Technical department for further details.

PRIMING:

Priming is generally not required. Where it is to be installed over particularly porous substrates, it is recommended to prime surfaces using **ROBERTS R48 UNIVERSAL PRIMER**. Mix one (1) part Roberts Universal Primer with two (2) parts of clean water. Apply evenly using a roller or brush ensuring the entire area is covered and allowed to cure

MIXING RATIO:

Mix 2 Parts Powder to 1 Part Water.

For a 5kg bag add 2.5 litres of water

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 3-4 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 F23 Feather 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 it is recommended to apply a 3mm coating 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 will harden after approximately 20minutes 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:

10m² per 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:

15kg (3 x 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 Roberts F23 to come into contact with water during or after the curing process
- Do not apply to substrates subject to rising dampness
- 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
Packaging	5kg
Coverage – 5kg Bag	10m ² at 1mm
APPLICATION DATA 23°C AT 50% RH:	
Mixing Ratio	2:1 Powder / Water (volume) 2.5litres water per 5kg bag
Open Time	10 minutes
Setting Time	20 minutes
Temperature Range	From +5°C to +35°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.