

# TECHNICAL DATA SHEET

P.DS.085 (FB SERIES) REV09/12/2024

**WS500**  
**WATER BASED**

# PROMAC WALL SKIM



**Promac Wall Skim** is a smooth, highly filled, brilliant white Acrylic modified RFU Trowelling filler for interior and exterior building surfaces. The smooth paste consistency makes for easy application by skimming onto wall plaster and other building substrates. It also has good adhesion properties.

## USES

New or previously painted interior & exterior cement plastered walls, ceiling boards, concrete and wood surfaces. the product is ideal for application for the use of;

- Priming of substrates.
- Builds film of the coating system
- Providing good adhesive properties for coating system
- Providing a smooth base finish and profile for over coating
- Providing good opacity and hiding power for coating system
- Filling and repairing cracks, small holes, plaster blemishes and other surface irregularities
- Providing protection of coatings from detrimental substrate factors: alkali, moisture & efflorescence

## FEATURES & BENEFITS

- Quick drying
- Brilliant white
- Ready for use
- Easy application
- Excellent adhesion
- Fill or repair cracks
- Alkali resistant plaster primer

## TECHNICAL INFORMATION

<b>PHYSICAL FORM</b>	An off-white trowelling paste with a buttery consistency (RFU)
<b>COLOUR</b>	White
<b>FINISH</b>	Smooth
<b>SPREADING RATE</b>	0.8 – 1.3 kg per m <sup>2</sup> approximately
<b>SPREADING RATE</b>	0.46 – 0.74 litres per m <sup>2</sup> or 1.4 – 2.2 m <sup>2</sup> per litres approximately
<b>FILM THICKNESS:</b>	WFT: ± 325µm DFT: ± 185µm
<b>POLYMER TYPE</b>	Modified Acrylic Co Polymer
<b>DRYING PROPERTIES</b>	1 – 2 hours (0,15 – 0,20 mm) Depending on film thickness and temperature
<b>RECOATING TIME</b>	±4 hours depending on conditions during drying at 300 – 350µm WFT. Hard dry ±16 hours depending on ambient temperature and thickness of film.
<b>PIGMENTS</b>	Non-Toxic extenders, water resistant and pigments types only
<b>FLASH POINT</b>	N/A Water Based Product
<b>PACKAGING</b>	4kg, 9kg, 18kg & 35kg

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### THINNING

Not recommended. RFU

### CLEANING

Do not allow the product to dry on Equipment. Equipment is readily cleaned with water while wet. (Some detergent may be added to water to facilitate clean-up)

### APPLICATION METHOD

Apply Wall Skim with a steel trowel (putty knife or steel scraper for small areas), by pressing firmly onto the surfaces and dragging in a rounded sweeping action. Allow to dry for 2 – 3 hours. Plaster Wall Skim can be floated or polished with a rubber or steel trowel. When material starts to set/dry, (lightening, whitening in colour) – flick a minimum amount of water on the trowel lightly with a brush. Polish the application in a circular motion once again, with the trowel. Skim with a clean steel trowel to an extremely smooth finish

### DO NOT USE

- IF THE TEMPERATURE IS BELOW 10°C OR ABOVE 35°C
- IF THE SURFACE IS DAMP (MOISTURE READING ABOVE 15%)
- IF IT IS RAINING OR RAIN IS FORECAST
- BEFORE 09H00 AND AFTER 16H00 IN THE WINTER

### USAGE PRECAUTIONS

#### General:

Ensure surfaces are dry, in sound condition, clean and free from any contaminants.

#### New plaster & concrete:

New plaster and concrete applications must be allowed to dry and fully cure as suggested by the product manufacturer. If it is not suggested allow new plaster to cure for 14 days and new concrete to dry for 28 days before applying any Promac product(s).

#### All poorly adhering material & contaminants:

Remove all poorly adhering material such as loose particles and damaged existing paint from the surface. If not effectively removed with the use of high-pressure water cleaning, then remove with the means of mechanical surface preparation methods such as Hand or Power tool cleaning methods.

#### Oils and Grease:

Remove oils, dirt and grease from previously painted surfaces with the use of Promac Clean & Degrease. For unpainted surfaces remove with the use of Promac GalvPrep.

#### Efflorescence:

Remove all physical and loose material from the substrate by means of Hand Tool Cleaning (i.e. bristle brushing) thereafter treat and prepare the surface with the use of Promac GalvPrep

#### Friable & Chalky surfaces:

Test the surface for friable and chalky properties with the use of clear tape used for dust and debris tests, such as the Elcometer 142 dust tape and roller or a similar quality alternative product. Apply the tape to the surface, firmly rub along the tape. After a short while remove the tape and place the tape on a white piece of paper. Check the tape's cleanliness, if 15% or less of the underside of the tape contains friable and/or chalky material treat the surface as friable and/or chalky and apply the required application(s) of Promac Bonding Liquid SB or Bonding Liquid WB. If the tape contains more than 15% material, surface cleaning methods must be repeated (as suggested for poorly adherent materials) before use of **Promac Wall Skim**. After use of the of a bonding liquid, test the surface for friability and chalkiness once again and if required apply another coat.

#### All concrete and plaster material surfaces:

All surfaces that are to receive a new application of **Promac Wall Skim** are to be lightly sanded with the means of hand tool cleaning, with 100grit abrasive paper. Thereafter the loosened material must be removed by means of brushing or wiping down with a clean cloth or brush to remove all loose material, ensuring a sound, clean, dry and contaminant free surface.

**NOTE:** All additional products advised for use during surface preparation must be use and applied in accordance to that which is stated within the relevant product's data sheets.

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### APPLICATION

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Apply a coat of **Promac Wall Skim** with a steel trowel (putty knife or steel scraper for small areas), by pressing firmly onto the surfaces and dragging in a rounded sweeping action to the required areas. Apply a coat at a uniform coverage 0.8 – 1.3 kg per m<sup>2</sup> or 1.4 – 2.2 m<sup>2</sup> per litres at a uniform wet film thickness of 300 – 350 µm. When material starts to set/dry, (lightening, whitening in colour) – flick a minimum amount of water on the trowel lightly with a brush. Polish the application in a circular motion once again, with the trowel. Skim with a clean steel trowel to an extremely smooth finish. Allow for the application to dry for 4 – 8 hours before commencing with an application of the suggested overcoating product(s).

### OVERCOATING

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**Promac Wall Skim** applications may be overcoated with most Promac water-based products.

### HEALTH & SAFETY

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The product contains a degreasing solvent as well as diluted acids. Avoid contact with skin, eyes, mouth etc. Wear protective clothing, goggles & gloves. If body contact is made, rinse off immediately using water. Do not allow product to remain in contact with the body since acid burns are possible. Although the product has very low flammability, it is important to ensure adequate ventilation and prohibit smoking during use.

### DISCLAIMER ADVICE

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The information given in this Product Information Sheet is based on controlled laboratory tests and many years of experience. It is given in good faith, but no guarantee of any performance characteristic is given or implied. Promac Paints cannot be held liable for consequential damage of whatsoever nature that may arise from the use of Promac products. Paint technology is continuously being developed and Promac Paints reserves the right to update product specifications without prior notice. Contact Promac Paints for further details.