



## Primecrete

### Description

Primecrete is a water based acrylic primer having penetrating plus binding properties; it is extremely effective on a wide range of substrates, particularly where the surface is chalky or prone to dusting. This high-grade primer is designed to be used in conjunction with the Roofcoat System. It is recommended for use on most concrete and terracotta roof tiles and has excellent wet adhesion properties used to impregnate tile surface if it is "chalky" or porous and to seal the tile substrate prior to the application of DURAMEMBRANE or TERRAGLAZE PLUS coatings. It substantially upgrades the overall coating system durability & ensures greater system consistency, especially over large areas. By reducing surface absorption of the top coat; it helps in controlled drying of the top coats ensuring longer open-time, durable curing and consistent layer (paint film) of the top coat.

### Features and Benefits

- Water based
- Easy application and clean up
- Excellent adhesion
- Foundation for uniform adhesion & durability of Duramembrane
- Fast dry 2 Hour recoat

### Suitable substrates when properly prepared

- Pre-cleaned concrete tiles
- Pre-cleaned unglazed terracotta tiles
- Fibre Cement Sheet

### Substrate & Application

It is recommended that Rainwater tanks be disconnected from the guttering system before commencing work as material could be spilt on the roof or washed off if rain falls before the coating is fully cured. The guttering should remain disconnected until after application of all coatings and until all residues are washed from the guttering.

It is safe to collect drinking water once the finish coating has cured. Pressure clean and ensure all surfaces to be coated are clean, sound, free from contaminants including; oil, dust, dirt, silicone, mud, grease, salt, efflorescence, animal droppings and any loose or flaking material.

**Important:** The integrity of the coating system relies on thorough surface preparation and condition of the substrate. Please refer to Material Safety Data Sheet (MSDS) prior to application of PRIMECRETE. (Please refer to respective product data sheet for further information on application of products)

- Inspect roof tiles for condition. This will determine the required preparation. Replace any cracked, chipped or faulty tiles, and reset any displaced tiles as required.
- Where required remove ridge hips, gables & valleys, re-bed with cement mortar.
- If in case the roof consists of heavy oil, dirt, moss and lichens, use PREMCLEAN. PREMCLEAN is a high grade roof cleaning product specifically designed to be applied before pressure cleaning to assist dirt, oil, moss & lichen removal from various substrates to make subsequent pressure cleaning faster and more effective (use as directed in Premclean Product Data Sheet).

- Thereafter; high pressure water blast concrete roof tiles at a minimum of 1500 PSI to remove dirt, excess grime, lichen/moss and all other surface contaminants. Pressure wash roof area thoroughly after all preparatory work is completed and allow to thoroughly dry. Inspect and confirm complete removal of all surface contaminants.

- Roof's affected by moss and or lichen should be pre-treated with ANTI-MOULD PLUS+ prior to priming. ANTI-MOULD PLUS+ is a high grade Biocide treatment, an inhibitor of moss lichen, algae & moulds, it is specifically designed to be applied after cleaning and before priming the substrate (use as directed in ANTI-MOULD PLUS+ Product Data Sheet).

- If the ridge hips are re-bed with cement mortar, Re-point the ridge hips (capping) bedding mortar with DURAPOINT, DURAPOINT is a high grade flexible pointing compound for use on bedding mortar for old and new roof tiles (use as directed in DURAPOINT Product data sheet).

- Primecrete does not require thinning or dilution. Mix well prior to use.

- If using airless spray equipment, a 17 thou tip and white gun filter is recommended.

- Apply Primecrete liberally, allowing good penetration into the substrate. Applying excess material is acceptable providing it is not allowed to pool on the surface, as this may affect the top coat. Apply evenly to the recommended wet film thickness.

- Coverage: Approximately 150m<sup>2</sup> per 15 litres per coat, coverage depends on tile surface conditions.

- Use a Wet Film Gauge to check application thickness from time to time making sure that your coverage is correct.

- Avoid loading coating in one area, as this will retard drying time and cause sagging.

- Allow Primecrete to dry completely before further application DURAMEMBRANE, TERRAGLAZE PLUS+ or LEVELCOAT.

- If concrete roof tiles are eroded and tile surface is uneven and highly gritty then; PRIMECRETE has to be top coated with one thick coat of LEVELCOAT prior to application of DURAMEMBRANE. (Levelcoat is a hi-build undercoat, it acts as a surface leveller and

smooths badly weathered and worn concrete roof tiles and it is applied before the top coat.)

## Cleaning



- **Clean Up** - Clean all equipment with water after use.

- Remove any dried paint with methylated spirits followed by a mixture of warm water and detergent

## Important Notes

- Do not apply PRIMECRETE on wet or exposed surfaces when rain is anticipated within 5 hours of completion of the day's work, longer in damp, cold +/- or humid conditions.

- Avoid application in full sun, on hot surfaces or in hot windy conditions.

- Ensure weather conditions are suitable; do not apply if surface temp is below 10°C and raining. Do not apply if temperature exceeds 32°C.

- Coated area must be protected from damage until the completion of the project; finished work must be protected from rain, frost and severe weather conditions until fully dried.

## Safety and Handling

Refer to MSDS for Duramembrane before use. For further information on Material Safety Data Sheets, call JPS Coatings on (03) 9357 6644.

When working with Duramembrane observe the usual precautions for handling acrylic water based products including:

- Avoid inhalation of the vapour, prolonged skin contact and particularly eye contact

- Wear protective clothing to minimize skin contact and wear goggles where splatter is likely

- Where spills occur, soak up liquid spillage with sand/sawdust and dispose of in a sensible manner. Do not permit runoff to sewer, storm water or open bodies of water.

- Full pails are HEAVY. Wear protective footwear and seek assistance if necessary.

- Storage- no specific issues, store away from food and drink.

## First Aid Measures

### Ingestion

- If swallowed, wash out mouth with water. Do NOT induce vomiting. Drink at least two (2) glasses of water. Seek medical attention.

### Eye

- Wash with copious amount of water for 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into non-affected eye. Seek medical attention.

### Advice to Doctor

- Treat symptomatically.

## Shelf -Life - Transport & Storage

### Unopened Containers

Maximum two (2) years from date of manufacture when stored correctly. Pails should not be stacked more than three (3) high during transportation and must be transported upright, Store in a cool place, upright, out of direct sunlight and above 4°C. For further information refer to MSDS for PRIMECRETE.

# Technical Specifications

Packing	Coverage	Resin Type
20L Plastic Pail (@16Kg/Pail)	6.5-10m <sup>2</sup> per Litre / coat	Acrylic Emulsion
<b>No. of coats</b>	Typically 1 coat	
<b>Application method</b>	 Roller, Brush, Spray	
<b>Clean Up</b>	 Clean all with water after use	
<b>Appearance</b>	Milky White Liquid	
<b>Type</b>	Water based Primer & Undercoat	
<b>Drying Time(@25°C &amp; 50% RH)</b>	Dry: 30-60 Min / Re-coat: 2hrs / Curing Time: 7 days	
<b>WFT - Wet film thickness uM</b>	90uM	Vol Solids %: 28
<b>DFT- Dry Film Thickness uM</b>	25uM	
<b>Gloss level</b>	Semi Gloss	
<b>Specific Gravity</b>	~ 1.02	
<b>Thinner</b>	Water - do not thin, ready to use	
<b>Shelf life</b>	24 Months from date of mfg (sealed)	
<b>Flammability</b>	Non-flammable	

## Warranty

JPS Coatings provides a material replacement warranty against peeling or flaking of the full Roofcoat System caused by any defect in manufacture for a period of ten years when applied correctly by a skilled and experienced applicator in accordance with all current application criteria, including but not limited to, substrate type and preparation, application rates and methods, prevailing weather conditions and protection of finished work. Application dates, product batch numbers and quantities must be recorded and supplied as a minimum to effect potential product failure investigation. JPS Coatings provides no warranty, expressed or implied, against damage due to movement of the substrate or structure. JPS Coatings cannot accept responsibility for variations in colour, strength, defects, appearance or workability etc resulting from on-site mixing procedures and other application conditions as they are not within the control of JPS Coatings.

### This information is provided with respect to the listed JPS Coatings products;

(a) You review the Technical Data Sheets (TDS) and Safety Data Sheets (SDS) before you use or handle the product; (b) the product be used only in accordance with the information provided by JPS Coatings; (c) the product be transported and handled in accordance with the SDS and relevant TDS; and (d) you thoroughly test the product, using the recommended application method on a sample of intended substrate, before using the product. The information in the technical data sheet was prepared using information gathered during product development. While JPS Coatings endeavours to update this information and maintain the accuracy of its contents, JPS Coatings cannot guarantee that the information is wholly comprehensive. JPS Coatings recommends that you conduct such additional investigations as may be necessary to satisfy yourself of the accuracy, currency and comprehensiveness of the information on which you rely in using and handling the product. If you require further information please contact JPS Coatings Office. To the full extent permitted by law, JPS Coatings liability for breach of a condition or warranty implied into the contract for sale between JPS Coatings and you by law is limited at JPS Coatings election to: (a) the replacement of the product; or (b) payment of the cost of replacing the product. The technical information and suggestions for use and application are given in good faith. Since conditions of use are beyond the manufacturer's control, information contained herein is without warranty, implied or otherwise. The manufacturer does not assume any liability for any loss or injury resulting from the use of the product. Cooler temperature, higher film thickness and higher humidity conditions will require longer drying times