



Surface Prime Plus

Description

Evolving Elements Surface Prime Plus is a water based acrylic coating containing inorganic rust inhibitors and passivators, adhesion promoters and inert fillers. Evolving Elements Surface Prime Plus is designed for priming Zincalume[®], galvanised iron and other bare metal surfaces prior to application of subsequent topcoats.

Features and Benefits

- Water based
- Easy to apply
- Easy clean up
- Strong Adhesion

Suitable substrates

- Zincalume[®] & Galvanised Iron
- Bare (clean) Iron and Steel

Substrate Preparation

When applying to a roof, it is recommended that Rainwater tanks are 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 subsequent coatings and until all residues are washed from the guttering. It is safe to collect drinking water once the finish top coating has cured.

- Areas not to be coated should be masked and protected.
- All surfaces to be coated must be clean, sound, free from contaminants including; oil, mould release, dust, dirt, silicone, mud, grease, salt, efflorescence, animal droppings and any loose or flaking material.
- Surface rust should be removed and passivated by using Evolving Elements RustCure.

- Care should be taken to keep Evolving Elements Surface Prime Plus off windows and adjacent surfaces that are not to be coated, as it can be very difficult to remove once allowed to dry.

Application Method

- Evolving Elements Surface Prime Plus does not require thinning or dilution.
- Mix thoroughly with a broad, flat stirrer, using an upward lifting action.
- Evolving Elements Surface Prime Plus can be applied using a roller, brush, HVLP spray equipment or airless spray.
- If using spray equipment, a 17 or 19 thou tip and white gun filter is recommended.
- Evolving Elements Surface Prime Plus must be over-coated with appropriate products from the coating system being used.

Important Notes

- Application should be carried out on a day with temperatures above 10°C and below 32°C, and with rainfall not expected for a minimum 8 hours to allow time for drying.
- Avoid application in full sun, on hot surfaces or in hot windy conditions.
- 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.

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 Evolving Elements Surface Prime Plus



Safety and Handling

Refer to MSDS for Evolving Elements Surface Prime Plus before use. For further information on Material Safety Data Sheets, contact Evolving Elements on +61 3 9357 6644 or visit www.evolvingelements.com.au

Adhere to the following safety measures;

- 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 run-off to sewer, storm water or open bodies of water.
- 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 amounts 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.

Technical Specifications

| Packing | Coverage | Application Thickness |
|--|--|-----------------------|
| 20L Plastic Pail (@26Kg/Pail) | 6.5-10m ² /L | N/A |
| No. of coats | Typically 1 coat | |
| Application method |  Roller, Brush, Spray | |
| Clean Up |  Clean all with water after use | |
| Appearance | Viscous coloured Liquid | |
| Type | Water based Primer & Undercoat | |
| Drying Time(@25°C & 50% RH) | Tack Free -45min / Overcoat -when dry / Fully Dry -N/A | |
| WFT - Wet film thickness uM | N/A | Vol Solids %: N/A |
| DFT- Dry Film Thickness uM | N/A | |
| Gloss level | Matt | |
| Specific Gravity | ~ 1.3-1.5 | |
| Thinner | Water - do not thin, ready to use | |
| Shelf life | 24 Months from date of mfg (sealed) | |
| Flammability | 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