

## ISO ACROPRIME

### INTERIOR & EXTERIOR ACRYLIC PRIMER UNDERCOAT

## Technical Datasheet

### Product description

**ISO Acroprime** is a multi-performance water based acrylic copolymer primer undercoat that offers high protection against alkali attack, resistant to algae and fungus, good flow and penetration properties for great adhesion. **ISO Acroprime** is a multi-application acrylic copolymer primer which combines both elasticity and breathing properties that can be used both on interior and exterior surfaces which include cement rendering, concrete, metal and timber.

### Typical applied surfaces

- Cement plaster
- Gypsum boards
- Fiber cement boards
- Concrete
- Timber claddings
- Block work
- Metal

### Theoretical spread rate

8 - 10 m<sup>2</sup> / L

### Solid content

41% by weight ± 2%

38% by volume ± 2%

### Approximate drying time

To re-coat or top coat: 4 hours, Fully dry: 10 hours

### Specific gravity

1.2 kg ± 2% ; theoretical for white and grey colours

### Equipment

Brush, Airless spray or Roller application is recommended.

### Thinning

Maximum 20% with water

### Packaging size

Available in 18L, 4L

### Colours

White

### Benefits

- A multipurpose water-based primer undercoat.
- Alkali resistant.
- Suitable for interior and exterior application.
- Masks pinholes and surface imperfections while preventing peeling caused by alkali salt damage.
- Fast drying and low odour.
- Can be cleaned with paint thinner.
- Used as an under coat for most of **ISO** Coatings products.
- Resistant to algae and fungus.
- Environmentally Friendly.

### Recommended systems

- **ISO Thermal-Shield NT,XT,RF & IND**
- **ISO Nanoshield**
- **ISO Water Guard**
- **ISO Thermal-Plast Interior**
- **ISO Thermal-Plast Exterior**
- **ISO Stucco-Plast**
- **ISO Thermal-Tex: Royal, Dazzy, Spark, Desert, Marble or Sand.**
- **ISO Marine-Shield**

### Characteristic properties

Type	Results
Liquid:	Liquid pigmented
Colour:	White,
Gloss:	Matt
Density:	1.2 kg/L
Adhesion Strength Concrete :	Excellent



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### Conditions during application

The temperature of the substrate upon application should not be less than 8°C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying.

### Recommended film thickness / coat

Dry film thickness : 25 - 35 (µm)\*

Wet film thickness : 100 - 200 (µm)\*

\* Film thickness can vary on different types of exterior or interior applications.

### Surface preparation

The substrate must be sound, clean, dry and free from dust, oil, grease etc. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

### Drying times

The given below data must be considered as guidelines only. The actual drying time and time before recoating may be shorter or longer, depending on the ambient temperature, wind factor, film thickness, ventilation, and humidity.

Surface Temp.	10 °C	25 °C	40 °C
Surface (touch) dry	3h	1h	0.4h
Hard dry	10h	6h	3h
Dry for Top coat	4h	2h	1h

### Specification of airless spray

Nozzle tip: 0.021" - 0.027"

Spray angle degrees: 65°- 80°

Pressure at nozzle: 1200-2100 psi

Airless spray type: Piston or Diaphragm pump

### Health and safety (MSDS)

Safety Data Sheets (SDS) are available from ISO Coatings to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. For further questions consult your ISO Coatings agent.

### Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

### Disclaimer

The information in this document is given to the best of ISO Coatings knowledge, based on laboratory testing and practical experience. ISO Coatings are often used under conditions beyond ISO Coatings control. ISO Coatings or authorized distributors or agents across the globe cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. ISO Coatings reserves the right to change the given data without further notice.



Low Odor



Low VOC



Antibacterial



Eco-Friendly