

ACROPRIME

The High Tech **Eco-Friendly** Acrylic Primer Undercoat



INTERIOR & EXTERIOR
ACRYLIC PRIMER

Technical Datasheet



LOW ODOR



Low
VOC



ANTIBACTERIAL



ECO FRIENDLY



EXCELLENT BONDING

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Product description

Seal 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. Seal 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 m² / 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 Seal Coatings products.
- Resistant to algae and fungus.
- Environmentally Friendly.

Recommended systems

- Seal Thermal-Shield NT,XT,RF & IND
- Seal Nanoshield
- Seal Water Guard
- Seal Thermal-Plast Interior
- Seal Thermal-Plast Exterior
- Seal Stucco-Plast
- Seal Thermal-Tex: Royal, Dazzy, Spark, Desert, Marble or Sand.
- Seal 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 Seal 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 Seal 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 Seal Coatings knowledge, based on laboratory testing and practical experience. Seal Coatings are often used under conditions beyond Seal Coatings control. Seal 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. Seal Coatings reserves the right to change the given data without further notice.



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