



PRIMAL™ AC-3001R Emulsion

For Concrete Finishes

Regional Product Availability

Asia-Pacific

Description

PRIMAL™ AC-3001R Emulsion is a thermoplastic, 100% acrylic polymer offering excellent resistance to water blushing, efflorescence and alkali resistance. PRIMAL AC-3001R Emulsion offers a good balance of early block resistance and low coalescent demand.

PRIMAL AC-3001R Emulsion facilitates the formulation of quality coatings for cementitious and other non-resilient surfaces. PRIMAL AC-3001R Emulsion is an excellent choice for both clear and pigmented coatings.

Key Features

- Excellent resistance to water blushing
- Offers efflorescence and alkali resistance
- Good early block resistance
- Low coalescent demand
- Good exterior durability

Typical Properties

(These properties are typical but do not constitute specifications).

Property	Typical Values
Appearance	Opaque, white to pink liquid
Solids, by weight, %	48.0
Density (g/ml), wet	1.05
pH	8.5
Minimum Film Forming Temperature ($\pm 2^{\circ}\text{C}$)	27
Glass Transition Temperature, T_g ($\pm 2^{\circ}\text{C}$)	32
Viscosity (Brookfield LV #2, 30 rpm, 25 $^{\circ}\text{C}$), cps	< 800
Tukon Hardness, KHN	4
Freeze / Thaw Stability (-18 $^{\circ}\text{C}$)	Pass – 3 cycles

**Handling
Precautions**

Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.

Storage

Store products in tightly closed original containers at temperatures recommended on the product label.

Disposal

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Coating Materials Technical Representative for more information.

**Chemical
Registration**

Many countries within the Asia-Pacific require the registration of chemicals, either imported or produced locally, prior to their commercial use. Violation of these regulations may lead to substantial penalties imposed upon the user, the importer or manufacturer, and/or cessation of supply. It is in your interests to ensure that all chemicals used by you are registered. Dow does not supply unregistered products unless permitted under limited sampling procedures as a precursor to registration.

**Note on
Asia-Pacific
Product Line**

Product availability and grades vary throughout the countries in Asia-Pacific. Please contact your local Dow Coating Materials representative for further information and samples.

**Product
Stewardship**

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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