



PRIMAL™ ICC-4

WATERBORNE ACRYLIC DISPERSION FOR USE OVER CEMENTITIOUS SUBSTRATES

Regional Product Availability

- Asia-Pacific

Description

PRIMAL™ ICC-4 is a hard thermoplastic, pure acrylic dispersion which exhibits excellent exterior durability, fast hardness development and highblock resistance. It was designed especially for use in coatings to be applied on cementitious substrates, such as fibre cement panels for façade and roofing, concrete elements and corrugated sheets. PRIMAL™ ICC-4 is designed to perform best on industrial coating lines where good preheating and forced drying conditions are available.

PRIMAL™ ICC-4 can be formulated into both pigmented coatings and clear varnishes for use directly over fibre cement or over pigmented paints.

Key Features

- Formulation Versatility, PRIMAL™ ICC-4 has a very broad formulation latitude. It can be formulated for curtain coater, spray, airless spray, roller coater and industrial brush applications.
- Block Resistance, Properly formulated paints based on PRIMAL™ ICC-4 which are optimized for specific line conditions achieve excellent block and stacking resistance up to 45°C.
- Exterior Durability, PRIMAL™ ICC-4 has a long exterior durability history. Proven excellent long term durability and color retention.

Typical Physical Properties

(The following properties are typical but do not constitute specifications)

Property	Typical Values
Appearance	Milky white emulsion
Solids, by weight %	47-48
pH	9.0-10.0
Minimum film formation temperature, °C	50-55
Viscosity (Brookfield, 1#, 30RPM), cps	<=200

Safe Handling Information

Based on its composition, PRIMAL™ ICC-4 emulsion is not expected to be toxic via single, acute, oral or dermal exposure. It may be a mild skin, eye or respiratory irritant.

Dow Material Safety Data Sheets (MSDS) contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Government legislation requires workers must have access to and understand MSDS on all hazardous substances to which they are exposed. Thus it is important that you provide appropriate training and information to your employees and make sure they have available to them MSDS on any hazardous products in their workplace.

MSDS should be obtained from your suppliers of other materials recommended in this bulletin.

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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 Company does not supply unregistered products unless permitted under limited sampling procedures as a precursor to registration.

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