

**EVOQUE™ 3390 All Acrylic Polymer**

100% Acrylic Emulsion

Regional Product Availability

EMEAI

Product Description

EVOQUE™ 3390 All Acrylic Polymer is a self-film forming all acrylic binder based on a remarkable technology that offers improvements in TiO₂ hiding efficiency and paint film barrier properties through the development of an engineered polymer-pigment composite. During the paint making process, EVOQUE™ latex combines with TiO₂ to form a polymer-pigment composite which improves both the wet and dry hiding efficiency of the pigment. The hiding improvement allows for the option of either using less TiO₂ or increasing the hiding in the formulations. Barrier performance properties of the film are maintained or improved as the composite minimizes the effect of the surface area of TiO₂. Formulations can be developed which emphasize the performance improvements at similar cost or maintain performance at reduced cost while taking advantage of the increase in TiO₂ hiding efficiency.

Application

EVOQUE™ 3390 All Acrylic Polymer has been designed for the production of low odour, low VOC semi-gloss to matt interior and exterior wall paints with superior durability for exterior coatings.

Performance Benefits

- Improved TiO₂ efficiency for both wet and dry hiding
- Superior Durability
- Very good scrub resistance
- Good stain resistance
- Easy to formulate
- Versatile binder over wide PVC range
- APEO, Formaldehyde and Ammonia-free*
- Self-film forming

*APEO, Formaldehyde and Ammonia are not intentionally added and are not knowingly introduced from another raw material.

Typical Properties

These are typical properties, not to be construed as specifications

Property	Typical Values
Appearance	Opaque, Off-white liquid
Solids, by weight, % (+/-1)	49
Density (g/ml), wet (+/-0.01)	1,070
Density (g/ml), dry (+/-0.01)	1,149
pH	8,7 – 9,7
Minimum Film Temperature (± 2°C)	~8
Viscosity (Brookfield LV #2, 60 rpm), cps	< 800
Storage precautions	Protect from freezing

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 Considerations	Dispose in accordance with all, local or national 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 or national regulations. Contact your Dow Coating Materials Technical Representative for more information.
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