

ENCOR[®] 2319

ARCHITECTURAL COATINGS

ARKEMA COATING RESINS

Product Application details ENCOR[®] 2319 is a vinyl versatate dispersion formulated without alkylphenoethoxylates.

Performance Benefits

- High binding power
- High resistance to weathering & abrasion

Polymer Type

- Vinyl Versatate Emulsion

Sales Specifications	Solid Content % (ISO 3251)	49 - 51
	pH (ISO 976)	4.0 - 5.0
	Viscosity at 23°C, mPa.s (Brookfield RVT , 20rpm, sp3) (ISO 2555)	300 max

Other Characteristics¹	Stabilizing system	A / NI
	Minimum Film Formation Temperature, °C (ISO 2115)	15
	Density / Specific Gravity, g/ml (ISO 2811)	1.06
	Average Particle size, nm (ISO 13321)	220

¹ The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

RHEOLOGY

Rheology and viscosity can be controlled using associative thickeners, such as Coapur[™] 3025 (1), Rheotech[™] 2100 (1), HYCRYL[®] 0262 (2), Aquaflo[®] NHS 300 (3) or Aquaflo[®] NLS 205 (3) are also suitable.

Cellulosic thickeners, such as Natrosol[®] 250 HHR or HHBR (4) can also be used.

Formulation Guidelines

OTHER ADDITIVES

A coalescing agent is necessary to ensure a good film formation at low temperature, Texanol[™] (6) or butyldiglycol acetate are suitable.

The use of defoamers is recommended, Foamaster[®] MO 2134 (5), Tego Foamex[®] 1488 (7), Bevaloid[®] 2514 (8) are convenient.

Notes: (1) Coatex, (2) Arkema, (3) Ashland Specialty Ingredients, (4) Elementis Specialties, (5) BASF, (6) Eastman Chemical Company, (7) Evonik Tego Chemie GmbH, (8) Kemira

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

ENCOR® 2319 should be stored indoors in the original, unopened and undamaged container, in a dry place at storage temperatures between 5°C and 30°C. Exposure to direct sunlight should be avoided.

The product is protected to prevent any microbial deterioration during normal conditions of storage but care should be taken to avoid accidental contamination during subsequent handling and processing.

In the above mentioned storage conditions the shelf life of the resin will be 6 months from the shipping date

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