

ENCOR[®] 2222

ARCHITECTURAL COATINGS

ARKEMA COATING RESINS

Product ENCOR[®] 2222 is a versatile pure acrylic emulsion formulated without alkylphenolethoxylates.
Application details ENCOR[®] 2222 is designed to be used as binder for high quality exterior paints.

Polymer Type

- Acrylic Emulsion

Sales Specifications	Solid Content at 105°C, % (ISO 3251)	45 - 47
	pH (ISO 976)	8.5 - 9.5
	Viscosity at 23°C, mPa.s (Brookfield RVT , 20rpm) (ISO 2555)	2500 - 5500

Other Characteristics¹	Stabilizing system	A / NI
	Minimum Film Formation Temperature, °C (ISO 2115)	6
	Density / Specific Gravity, g/ml (ISO 2811)	1.09
	Average Particle size, nm (ISO 13321)	180
	Freeze Thaw Stability, °C (ISO 1147)	- 5

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

Formulation Guidelines

RHEOLOGY
Rheology and viscosity can be adjusted using associative thickeners, such as Coapur[™] 830 W (1) or Rheolate[®] 278 (2). Cellulosic thickeners are also adapted, namely Natrosol[®] 250 HHR (3).

OTHER ADDITIVES
Despite its low MFFT, coalescing agents, such as Texanol[®] (4) can be added to the formulation in order to improve the film formation, especially when applied in drastic conditions (low temperature and / or low relative humidity).
The use of defoamers is recommended, Foamaster[®] MO 2134 (5) has proved to be efficient.

Notes: (1) Coatex, (2) Elementis Specialties, (3) Ashland Specialty Ingredients, (4) Eastman Chemical Company, (5) BASF

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

ENCOR® 2222 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.

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

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See SDS for Health & Safety Considerations.

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For any use of Arkema's product in Medical Device applications, please contact Arkema's sales network.

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