

TECHNICAL DATA SHEET

ENCOR[®] 2322

Vinyl Emulsion

PRODUCT APPLICATION DETAILS

ENCOR[®] 2322 is a universal binder formulated without alkylphenolethoxylates. ENCOR[®] 2322 is adapted to the formulation of interior and exterior plasters and wall paints.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (80°C)	49 - 51 %	ISO 3251
pH	4.0 - 5.0	ISO 976
Viscosity (Brookfield RVT, 20rpm, sp4) (23°C)	3000 - 6000 mPa.s	ISO 2555

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Stabilizing system	CD	
Minimum film formation temperature	< 5 °C	ISO 2115
Density	1.04 g/ml	ISO 2811
Average particle size	300 nm	ISO 13321
Freeze thaw stability	- 5 °C	

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

MARKETS & APPLICATIONS

Coatings & Inks

- Architectural Coating
 - Exterior Wall
 - Interior Wall
 - Specialty Coatings
- Industrial Coating
 - Metal Interior - Powder
 - Industrial Wood Finishes
- Textile & Leather Coating
 - Textile

Adhesives & Sealants

- Packaging Adhesive
 - Packaging Adhesives

PERFORMANCE BENEFITS

- Good durability
- Good application properties
- Good balanced properties

FORMULATION GUIDELINES

RHEOLOGY

Rheology and viscosity can be controlled using associative thickeners, such as Coapur[™] 3025 ⁽¹⁾, Rheotech[™] 2100 ⁽¹⁾, Aquaflo[®] NHS 300⁽²⁾ or Aquaflo[®] NLS 205 ⁽²⁾ are also suitable. Cellulosic thickeners, such as Natrosol[®] 250 HHR ⁽³⁾ can also be used.

OTHER ADDITIVES

The use of defoamers is recommended, Foamaster[®] MO 2134 ⁽⁴⁾ is convenient.

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

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

ENCOR[®] 2322 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 from the shipping date.

Shelf Life (Months): 6

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