

## TECHNICAL DATA SHEET

# ENCOR<sup>®</sup> 2741

*Acrylic Emulsion*

### PRODUCT APPLICATION DETAILS

ENCOR<sup>®</sup> 2741 is a pure acrylic emulsion formulated without alkylphenolethoxylates. ENCOR<sup>®</sup> 2741 is adapted to the formulation of satin and glossy interior wall coatings and high quality exterior paints.

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (105°C)	45 - 47 %	ISO 3251
pH	8.0 - 9.0	ISO 976
Viscosity (Brookfield RVT, 100rpm) (23°C)	40 - 100 mPa.s	ISO 2555

### OTHER CHARACTERISTICS<sup>1</sup>

	CHARACTERISTICS	METHODS
Stabilizing system	A / NI	
Minimum film formation temperature	19 °C	ISO 2115
Density	1.06 g/ml	ISO 2811
Average particle size	200 nm	ISO 13321

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

### MARKETS

#### Coatings & Inks

- Architectural Coating
  - Exterior Wall
  - Primers
  - Specialty Coatings

### PERFORMANCE BENEFITS

- High UV resistance and exterior durability
- Low tackiness

# ENCOR<sup>®</sup> 2741

## FORMULATION GUIDELINES

### RHEOLOGY

Rheology and viscosity can be adjusted using associative thickeners, such as Rheotex™ 2100 <sup>(1)</sup>, Coatex® BR 100 <sup>(1)</sup>, Polyphobe™ TR116 <sup>(1)</sup> or Rheolate® 420 <sup>(2)</sup>. Acrylic thickeners are also adapted, namely HYCRYL® 0262.

### OTHER ADDITIVES

A coalescing agent is necessary to ensure a good film formation at low temperature, Texanol™ <sup>(3)</sup> or butyldiglycol acetate are suitable.

The use of defoamers is recommended, Foamaster® MO 2134 <sup>(4)</sup> has proved to be efficient.

Notes: <sup>(1)</sup> Coatex, <sup>(2)</sup> Elementis Specialties, <sup>(3)</sup> Eastman Chemical Company, <sup>(4)</sup> BASF

## PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

## STORAGE AND HANDLING

ENCOR® 2741 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 Durability (Months): 6

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