

ENCOR[®] 2741

ARCHITECTURAL COATINGS

ARKEMA COATING RESINS

Product Application details

ENCOR[®] 2741 is a pure acrylic emulsion formulated without alkylphenoethoxylates. ENCOR[®] 2741 is adapted to the formulation of satin and glossy interior wall coatings and high quality exterior paints.

Performance Benefits

- High UV resistance and exterior durability
- Low tackiness

Polymer Type

- Acrylic Emulsion

Sales Specifications

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

Other Characteristics¹

| | |
|---|--------|
| Stabilizing system | A / NI |
| Minimum Film Formation Temperature, °C (ISO 2115) | 19 |
| Density / Specific Gravity, g/ml (ISO 2811) | 1.06 |
| Average Particle size, nm (ISO 13321) | 200 |

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 Rheotex[™] 2100 (1), Coatex[®] BR 100 (1), Polyphobe[™] TR116 (1) or Rheolate[®] 420 (2). Acrylic thickeners are also adapted, namely HCRYL[®] 0262.

OTHER ADDITIVES

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

The use of defoamers is recommended, Foamaster[®] MO 2134 (4) has proved to be efficient.

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

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & 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 6 months from the shipping date

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The logo for ARKEMA, with the word "ARKEMA" in a bold, sans-serif font. The letters "A", "R", "K", "E", and "M" are in a dark blue color, while the letter "A" at the end is in a green color.