

ENCOR® 2124

INDUSTRIAL WOOD

ARKEMA COATING RESINS

Product Application details

ENCOR® 2124 is an acrylic emulsion for wood stains and high gloss pigmented DIY-lacquers with good blocking resistance, low water absorption and excellent durability. ENCOR® 2124 is formulated without alkylphenolethoxylates.

Polymer Type

- Acrylic Emulsion

Sales Specifications

Solid Content at 105°C, % (ISO 3251)	42 - 44
pH (ISO 976)	7.0 - 8.0
Viscosity at 23°C, mPa.s (Brookfield RVT , 20rpm) (ISO 2555)	50 max

Other Characteristics¹

Stabilizing system	A
Minimum Film Formation Temperature, °C (ISO 2115)	3
Density / Specific Gravity, g/ml (ISO 2811)	1.06
Average Particle size, nm (ISO 13321)	80

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

Formulation Guidelines

ADDITIVES

ENCOR® 2124 is compatible with the common additives. The best results were found with :

Defoamer: Tego foamex® 1488 (1), Serdas GE 4050 (2)

Wetting agent: SOJA-LECITHIN W-250 (3), SER AD FA 607 (4)

Thickener: Tafigel® PUR 40 (5), RHEOTECH™ 2000 (6)

Film forming aids: Propylene glycol, Methoxy butanol, Dowanol® PM (7), Dowanol® TPM (7),

Dowanol® DPM (7) Dowanol® DMM (7), Lusolvan® FBH (8), Texanol™ (9)

The finished product should be protected against bacteria by the addition of a sufficient quantity of a saltfree biocide such as Acticide® LG (10).

Notes: (1) Evonik Tego Chemie GmbH, (2) Elementis Specialties, (3) Lubrizol Advanced Materials Inc., (4) Condea Servo, (5) MÜNZING Chemie GmbH, (6) Coatex, (7) Dow, (8) BASF, (9) Eastman Chemical Company, (10) Thor Specialties Inc.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

ENCOR[®] 2124 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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