

ENCOR[®] 2167

INDUSTRIAL WOOD

ARKEMA COATING RESINS

Product Application details

ENCOR[®] 2167 is a self-crosslinking acrylic emulsion formulated without alkylphenolethoxylates, designed for industrial coatings for wood.

ENCOR[®] 2167 is suitable for the formulation of clear and pigmented sealers and satin or matt topcoats applied by spray and curtain coater.

The warm aspect over wood of the coatings made with ENCOR[®] 2167 allows its use over either light or dark veneers in thin or thick layers.

ENCOR[®] 2167 achieves good film formation and consequently good film performance drying under the most extreme conditions: high relative humidity and high temperature in case of ambient cure and high temperature without flash-off in case of application in fast drying lines.

Performance Benefits

- Warm aspect over wood
- Fast drying properties
- Good chemical resistance

Polymer Type

- Acrylic Emulsion

Sales Specifications

Solid Content at 105°C, % (ISO 3251)	43 - 45
pH (ISO 976)	7.0 - 8.0
Viscosity at 23°C, mPa.s (Brookfield RVT , 20rpm) (ISO 2555)	40 - 400

Other Characteristics¹

Stabilizing system	A / NI
Minimum Film Formation Temperature, °C (ISO 2115)	46
Density / Specific Gravity, g/ml (ISO 2811)	1.04
Average Particle size, nm (ISO 13321)	100 max
Freeze Thaw Stability, °C (ISO 1147)	- 10

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

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

ENCOR[®] 2167 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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