

TECHNICAL DATA SHEET

ENCOR[®] 2167

Acrylic dispersion

PRODUCT APPLICATION DETAILS

ENCOR[®] 2167 is a self-crosslinking acrylic emulsion formulated without alkylphenoethoxylates, 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.

SALES SPECIFICATIONS

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

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Stabilizing system	A / NI	-
Minimum film formation temperature	46 °C	ISO 2115
Density	1.04 g/ml	ISO 2811
Average particle size	100 max nm	ISO 13321
Freeze thaw stability	- 10 °C	ISO 1147

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
 - Interior Wall
 - Trim
- Industrial Coating
 - Wood Furniture
 - Industrial Wood Finishes

PERFORMANCE BENEFITS

- Warm aspect over wood
- Fast drying properties
- Good chemical resistance
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ENCOR[®] 2167

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND 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 from the shipping date.

Shelf Life (Months): 6

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