

TECHNICAL DATA SHEET

ENCOR® 3125

Acrylic dispersion

PRODUCT APPLICATION DETAILS

ENCOR® 3125 is an acrylic copolymer emulsion, free from APE surfactants.

Thanks to its fine particle size and low surface tension, ENCOR® 3125 shows high wetting and excellent impregnation properties regarding all types of leathers.

ENCOR® 3125 improves the grain resistance and the finishing adhesion on full grain leather.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (105°C)	44 - 46 %	ISO 3251
pH	3.5 - 4.5	ISO 976
Viscosity (Brookfield RVT, 100rpm, sp2) (23°C)	50 - 250 mPa.s	ISO 2555

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Stabilizing system	A	-
Minimum film formation temperature	< 5 °C	ISO 2115
Glass transition temperature (DSC)	3 °C	-
Density (23°C)	1.05 g/ml	ISO 2811
Average particle size	90 nm	ISO 13321

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

- Textile & Leather Coating
 - Leather

PERFORMANCE BENEFITS

- High wetting and excellent impregnation properties
- Gives high grain resistance to leather

ENCOR® 3125

FORMULATION GUIDELINES

To improve penetration on poorly absorbing leathers, ENCOR® 3125 can be formulated with alcohols and glycols.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

ENCOR® 3125 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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