

TECHNICAL DATA SHEET

ENCOR[®] 3211

Acrylic dispersion

PRODUCT APPLICATION DETAILS

ENCOR[®] 3211 is an alcali thickening, acrylic copolymer emulsion, free from APE surfactants.

ENCOR[®] 3211 is mainly used as undercoat of buffed leathers or splits. Basecoat compositions formulated with ENCOR[®]3211 give good resistance to varnished leathers.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (105°C)	38 - 40 %	ISO 3251
pH	4.5 - 5.0	ISO 976
Viscosity (Brookfield RVT, 100rpm, sp2) (23°C)	40 - 100 mPa.s	ISO 2555

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Stabilizing system	A / NI	-
Minimum film formation temperature	< 5 °C	ISO 2115
Glass transition temperature (DSC)	- 1 °C	-
Density (23°C)	1.06 g/ml	ISO 2811
Average particle size	180 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

- Viscosity and penetration adjustable with alkali
- Good covering

FORMULATION GUIDELINES

Compositions based on ENCOR® 3211 can be thickened with alcali in order to optimize the impregnation process.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

ENCOR® 3211 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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