

ENCOR[®] 3140

LEATHER

ARKEMA COATING RESINS

ENCOR[®] 3140 is a self-crosslinking acrylic copolymer emulsion, free from APE surfactants.

Product

Application details ENCOR[®] 3140 is a high performance binder used in top coat formulations for leather shoe upper and upholstery.

Performance Benefits

- High resistance to dry and wet abrasion
- Good Bally and scrub resistance

Polymer Type

- Acrylic Copolymer

Sales Specifications

Solid Content at 105°C, % (ISO 3251)	39 - 41
pH (ISO 976)	7.0 - 8.0
Viscosity at 23°C, mPa.s (Brookfield RVT, 100rpm, sp2) (ISO 2555)	20 - 150

Other Characteristics¹

Stabilizing system	A / NI
Minimum Film Formation Temperature, °C (ISO 2115)	< 5
Tg (DSC), °C	7
Density / Specific Gravity at 23°C, g/ml (ISO 2811)	1.04
Average Particle size, nm (ISO 13321)	110

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

Formulation Guidelines

ENCOR[®] 3140 is a medium / hard binder which can be further crosslinked by adding polyisocyanate or poly-aziridine crosslinkers.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

ENCOR® 3140 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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