

ENCOR[®] 5150

CONSTRUCTION

ARKEMA COATING RESINS

Product Application details

ENCOR[®] 5150 is a cement-compatible acrylic copolymer latex. This product is free from coalescing agents, plasticizers and APE surfactants.

ENCOR[®] 5150 is ideally suited for the modification of mortars and two-component cement compositions for several applications in the field of resurfacing and repairing.

ENCOR[®] 5150 imparts liquid consistency and good workability to the mortars allowing the reduction of the required water during their preparation.

Cement mortars prepared with ENCOR[®] 5150 show improved flexural strength and enhanced durability.

Performance Benefits

- Good adhesion to mineral substrates
- Very good alkali resistance
- Provides improved flexural strength to mortars

Polymer Type

- Acrylic Copolymer

Sales Specifications

Solid Content at 105°C, % (ISO 3251)	46 - 48
pH (ISO 976)	7.5 - 8.5
Viscosity at 23°C, mPa.s (Brookfield RVT, 100rpm) (ISO 2555)	50 - 100

Other Characteristics¹

Stabilizing system	A / NI
Minimum Film Formation Temperature, °C (ISO 2115)	15
Tg (DSC), °C	20
Density / Specific Gravity at 23°C, g/ml (ISO 2811)	1.07
Average Particle size, nm (ISO 13321)	200

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

Formulation Guidelines

The use of defoamers is recommended to avoid air entraining during the mortar mixing phase. Air cure conditions have to be applied for optimum strength properties.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

ENCOR® 5150 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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