

ENCOR[®] 2180

INDUSTRIAL WOOD

(FORMERLY E 20595)

ARKEMA COATING RESINS

Product Application details

ENCOR[®] 2180 is a styrene-acrylic emulsion designed for industrial coatings for wood. ENCOR[®] 2180 is suitable for the formulation of high water resistant primers and fillers applied on wood panels.

Performance Benefits

- Extremely high water resistance.
- Good Blocking resistance.

Polymer Type

- Styrene acrylic Emulsion

Sales Specifications

Solid Content at 105°C, % (ISO 3251)	42 - 45
pH (ISO 976)	8.0 - 9.0
Viscosity at 23°C, mPa.s (Brookfield RVT , 20rpm) (ISO 2555)	500 - 1500

Other Characteristics¹

Stabilizing system	A
Minimum Film Formation Temperature, °C (ISO 2115)	30
Density / Specific Gravity, g/ml (ISO 2811)	1.03
Average Particle size, nm (ISO 13321)	100 max

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

Formulation Guidelines

ADDITIVES

ENCOR[®] 2180 needs coalescents for film formation at room temperature. Recommended types are Butylglycol, Dowanol[®] PnB (1) or Dowanol[®] DPM (1).

Notes: (1) Dow

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

ENCOR[®] 2180 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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Arkema Coating Resins

420, rue d'Estienne d'Orves

92705 Colombes Cedex - France

arkema.com - arkemacoatingresins.com

