

## TECHNICAL DATA SHEET

# ENCOR® 496

### PRODUCT APPLICATION DETAILS

ENCOR® 496 is designed for use as a binder for air-moisture barriers and as a cement modifier in adhesive/base coats and dirt resistance finish coats. It is an excellent choice for use in exterior insulation and finish systems (EIFS) with drainage systems due to its excellent resistance to bulk water intrusion while allowing the passage of water vapor, and for its adhesion to a variety of construction substrates.

ENCOR® 496 also offers distinct early grab or “green strength”, which allows expanded polystyrene adhered with an adhesive coat based on ENCOR® 496 to be rasped in a few hours, depending on ambient conditions.

ENCOR® 496 provides excellent dirt pickup resistance, good high temperature pot life and good flexibility.

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content	50.0 %	-
pH	8.0	-
Viscosity (#3 spindle @ 60 rpm. Brookfield LV) (25+/-2 °C)	300 cP	-

### OTHER CHARACTERISTICS<sup>1</sup>

	CHARACTERISTICS	METHODS
Viscosity	300 cP	
Minimum film formation temperature	0 °C	-
Glass transition temperature (DSC)	-7 °C	-
Density	8.9 lb/gal	-
Average particle size	200 nm	-
Solids content	50 %	
pH value	8.0	

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

### MARKETS

#### Building & Construction

- Construction Materials
  - EIFS
  - Elastomeric Roof

### PERFORMANCE BENEFITS

- • Good water-resistive properties
- • Good adhesion to a variety of substrates
- • Universal utility air-moisture barrier, adhesive/base coat and finish coat
- • Early grab property
- • Good elongation and crack bridging
- • Dirt pick up resistance
- • Cement compatible

# ENCOR<sup>®</sup> 496

## PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

## STORAGE AND HANDLING

ENCOR<sup>®</sup> 496 - When storing and handling follow procedures recommended for polymer dispersions. Use corrosion resistant storage tanks and piping. Air-operated diaphragm pumps are preferred. Avoid temperature extremes. Do not freeze. Store between 40 to 90 °F (4 -32 °C). Packaged material should be stored indoors in a dry place in the original unopened and undamaged container. Exposure to direct sunlight should be avoided. The product is protected to prevent microbial deterioration during normal storage conditions; however, care should be taken to avoid accidental contamination during subsequent handling and processing. Bulk storage and handling practices are described in the Arkema Latex Storage and Handling Guide. For a copy of this guide contact Arkema.

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