

## TECHNICAL DATA SHEET

# ENCOR<sup>®</sup> 413

### PRODUCT APPLICATION DETAILS

Cement compatibility, alkali resistance, imparts water resistance

### SALES SPECIFICATIONS

|                                                               | CHARACTERISTICS | METHODS |
|---------------------------------------------------------------|-----------------|---------|
| Solid content                                                 | 47.0 %          | -       |
| pH                                                            | 9.0             | -       |
| Viscosity (#3 spindle @ 60 rpm.<br>Brookfield LV) (25+/-2 °C) | 50 cP           | -       |

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

|                                    | CHARACTERISTICS | METHODS |
|------------------------------------|-----------------|---------|
| Minimum film formation temperature | 13 °C           | -       |
| Glass transition temperature (DSC) | 13 °C           | -       |
| Density                            | 8.8             | -       |
| Average particle size              | 400 nm          | -       |

<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
  - Cement Modifier

## PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

## STORAGE AND HANDLING

ENCOR® 413 - 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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