

TECHNICAL DATA SHEET

ENCOR[®] 5126

Acrylic Emulsion

PRODUCT APPLICATION DETAILS

ENCOR[®] 5126 is a high solids, cement-compatible modified acrylic latex. This product is free from coalescing agents, plasticizers and APE surfactants.

ENCOR[®] 5126 is ideally suited for the modification of Portland cement and other hydraulic binder systems.

Suggested applications are two-component elastomeric waterproofing and weather-barrier cementitious membranes, sealing and bonding slurries as well as water resistant and flexible ceramic tile adhesives.

ENCOR[®] 5126 may also be used in the formulation of 1K waterproofing membranes, elastomeric roof coatings and liquid applied bitumen emulsions.

SALES SPECIFICATIONS

| | CHARACTERISTICS | METHODS |
|---|------------------|----------|
| Solid content (105°C) | 58 - 60 % | ISO 3251 |
| pH | 6.0 - 8.0 | ISO 976 |
| Viscosity (Brookfield RVT , 20rpm) (23°C) | 500 - 1500 mPa.s | ISO 2555 |

OTHER CHARACTERISTICS¹

| | CHARACTERISTICS | METHODS |
|------------------------------------|-----------------|-----------|
| Stabilizing system | A / NI | - |
| Minimum film formation temperature | < 1 °C | ISO 2115 |
| Glass transition temperature (DSC) | - 21 °C | - |
| Density (23°C) | 1.04 g/ml | ISO 2811 |
| Average particle size | 300 nm | ISO 13321 |

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

MARKETS & APPLICATIONS

Coatings & Inks

- Textile & Leather Coating
 - Textile

Building & Construction

- Construction Materials
 - Other Construction Materials
 - Waterproofing Membrane

PERFORMANCE BENEFITS

- Excellent water, chemical and alkali resistance
- Good adhesion to mineral substrates
- Permanent low temperature flexibility (-20°C)
- Low tack

ENCOR[®] 5126

FORMULATION GUIDELINES

The use of defoamers is recommended to avoid air entraining during the mortar mixing phase. The use of thickeners has to be carefully checked in advance as some of them can cause stiffening phenomena and can interfere in the setting process.

Air cure conditions have to be applied for optimum strength properties of cement-based systems.

COMPLIANCE

Contact your local ARKEMA technical representative to obtain dedicated information on regulatory status of this product regarding specific applications.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

ENCOR[®] 5126 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 from the shipping date.

Shelf Life (Months): 6

Headquarters: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80

Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/global/en/products/product-safety/disclaimer/> which is incorporated herein by reference and made a part hereof.

Arkema France, a French société anonyme registered at the Trade and Companies Register of Nanterre under the number 319 632 790