

# ENCOR<sup>®</sup> 5163

CONSTRUCTION

ARKEMA COATING RESINS

ENCOR<sup>®</sup> 5163 is an all acrylic latex which dries into a permanently tacky film. This product is free from solvents, plasticizers and APE-based surfactants.

## Product

### Application details

ENCOR<sup>®</sup> 5163 has been designed for the manufacturing of construction adhesives and high quality sealants.

## Performance Benefits

- Formaldehyde free<sup>1</sup>
- Low VOC content
- Excellent UV resistance
- Good flexibility at low temperature
- Good filler compatibility

(1) Product formulated without formaldehyde or formaldehyde releasers. During normal conditions of use, this binder does not generate formaldehyde.

## Polymer Type

- Acrylic Copolymer

## Sales Specifications

Solid Content at 105°C, % (ISO 3251)	59 - 61
pH (ISO 976)	6.0 – 7.0
Viscosity at 23°C, mPa.s (Brookfield RVT , 20rpm) (ISO 2555)	250 - 750

## Other Characteristics<sup>1</sup>

Stabilizing system	A/NI
T <sub>g</sub> (DSC), °C	- 27
Density / Specific Gravity at 23°C, g/ml (ISO 2811)	1.04
Average Particle size, nm (ISO 13321)	300

## Formulation Guidelines

According to the final application, addition of specific defoamers can be required. The adjustment of pH to 7-8 is recommended to ensure a better compatibility with pigments and fillers.

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

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**Product Safety**

Please refer to the corresponding Safety Data Sheet.

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**Storage & Handling**

ENCOR® 5163 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 by a bactericide in small amount but should better be kept off from accidental bacterial attack.

Under the above mentioned storage conditions the shelf life of the resin will be 6 months from the shipping date.

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See MSDS for Health & Safety Considerations.

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