

Technical Data Sheet

Primal 3019R Styrene Acrylic Polymer for Elastomeric Roof Coatings



Description

Primal 3019R is a new generation styrene acrylic polymer emulsion for use in elastomeric roof coatings. When properly formulated and applied new Primal 3019R polymer gives the formulator access to a general purpose maintenance coating for metal and concrete. New Primal 3019R offers the following improved features over Primal 2019 RX, and other styrene acrylic polymers.

Applications

Elastomeric Roof Coating Elastomeric Wall Coating Acrylic Waterproofing Membrane

Advantages

Higher solids to enhance its versatility. Ease of handling through lower emulsion viscosity. Good adhesion to various substrates, including galvanized metal and concrete. Good water resistance properties. Excellent dirt pickup resistance

(1)These data are typical values and cannot be considered as a specification.

Physical Properties ⁽¹⁾	
Polymer base	Styrene Acrylic
Viscosity, 25 °C, cPs	100 -300
Appearance	Milky, White Liquid
Solids, by weight	55 %
Density (wet)	1.0 g/ml
Glass Transition Temperature (Tg), midpoint, °C	-7
pH	7
Additional Information	For more information you may call the following numbers: Europe, India, Africa, Middle East +800-3-694-6367 (Toll free) North America +800-783-825 (Toll free) Latin America +55-11-5188-9000 Pacific +800-7776-7776 (Toll free)

Safety Data Sheets (SDS) are available from The Dow Chemical Company.

Health and Safety

SDS are provided to help customers satisfy their own handling, safety and

Considerations

disposal needs and those that may be required by locally applicable health and safety regulations. SDS are updated regularly, therefore, please request and review the most current SDS before handling or using any product. For further questions consult your Dow contact person.

PRIMAL™ 3019R should be stored at temperatures between 5°C and 40°C

Handling and

in tightly sealed containers. Avoid freezing of the material!

Storage Local legislation on storage must be followed.

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Polymer for Elastomeric Roof Coatings



PRIMAL™ 3019R is protected against microbial attack during transportation and storage in not opened original packaging. To avoid problems with microbial attack during processing and in opened packaging attention should be paid on hygiene. In some cases it could make sense to add biocides to avoid problems with microorganisms.

We recommend using the product under safety precautions as described in the SDS. Avoid contact with eyes and skin. Large quantities should be handled in a correctly ventilated area. Material can create slippery conditions.

As the product contains water, corrosion-resistance equipment should be used for processing. Low shear pumps like diaphragm pumps should be used.

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