

**RHOPLEX™ EC-2100**

100% Acrylic Polymer

**Introduction**

RHOPLEX™ EC-2100 is an all-acrylic polymer designed for use in elastomeric roof coatings. Products made with RHOPLEX™ EC-2100 exhibit excellent flexibility, dirt resistance, superior asphalt bleed resistance, and adhesion to metal, concrete, and various asphalt based roofing materials.

**Advantages**

As with other Dow all-acrylic polymers designed for use in elastomeric roof coatings, products made with RHOPLEX™ EC-2100 exhibit excellent flexibility, dirt resistance, superior asphalt bleed resistance, and adhesion to metal, concrete, and various asphalt based roofing materials.

- A barrier to ultraviolet light, which rapidly degrades the surface of asphaltic materials
- Significantly lower roof surface temperature, which can help reduce cooling bills
- Excellent dirt pickup resistance
- Application by spray, brush or roller
- Formulations with less than 50 g/L volatile organic compounds (VOC)
- User-friendly (soap and water cleanup) and environmentally friendly

**Typical Physical Properties**

These properties are typical but should not be considered specifications.

Appearance	Milky white liquid
Solids content, % by weight	55 ± 0.5
pH (as packed)	9.5 ± 0.3
Glass transition temperature (T <sub>g</sub> ), onset, DSC, °C	-10
Brookfield viscosity, cPs	100-400
Specific gravity	1.05
Storage precautions	Protect from freezing

## **Product Stewardship**

Dow has a fundamental concern for all who make, distribute and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products – from the initial concept and research to manufacture, use, sale, disposal and recycle of each product.

## **Customer Notice**

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

## **Disclaimer**

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, the Customer is responsible for determining whether products and the information in this document are appropriate for the Customer's use and for ensuring that the Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted.

**NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.**

**The Dow Chemical Company**

[www.dowconstructionchemicals.com](http://www.dowconstructionchemicals.com)

**215-592-3000**

