



## Technical Data Sheet for Europe, Middle East and Africa

# PRIMAL™ WDV-3317E Acrylic Emulsion Polymer

### Product Description

PRIMAL™ WDV-3317E product is a fast drying pure acrylic emulsion polymer with excellent exterior durability, dirt pick-up resistance, water resistance and mechanical stability for use in textured finishes.

### Application

PRIMAL™ WDV-3317E Acrylic Emulsion Polymer is designed for outside ETICS adhesives, basecoats and topcoats and more generally in organic renders. PRIMAL WDV-3317E Acrylic Emulsion Polymer is a Quick Set technology polymer for use during cold and humid climate conditions. It shows excellent resistance to yellowing as well as to water pick-up and to dirt pick-up combining these properties with outstanding early wash-out resistance even under combined adverse temperature (1-10°C) and humidity (90-95% rel. humidity). PRIMAL WDV-3317E Acrylic Emulsion Polymer can be used as a single binder for adhesive, basecoat and topcoats for ETICS. DOWANOL™ PnB and DOWANOL DPnB coalescent based on 3-5% on binder solids are recommended to insure an optimum film formation of PRIMAL WDV-3317E Acrylic Emulsion Polymer based formulated systems in the 1-10°C temperature range. PRIMAL™ WDV-3317E Acrylic Emulsion Polymer is not recommended for use in cementitious basecoats or topcoats.

### Typical Properties<sup>1)</sup>

Appearance	Milky white liquid
MFFT	5 °C
Solids content	57.0 ... 58.0 %
pH	9.2 ... 9.7
Density	1.05 g/cm <sup>3</sup>
Viscosity (Brookfield LV, spindle 3 @ 60 rpm, 25°C)	300 to 1000 mPa·s

<sup>1)</sup> Please note that the values shown are typical values for your guidance. They are not to be taken as specifications and are subject to certain variability. Please consult the sales specifications for details.

### Health and Safety Considerations

Safety Data Sheets (SDS) are available from The Dow Chemical Company. SDS are provided to help customers satisfy their own handling, safety and 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.

## Storage and Handling

PRIMAL™ WDV-3317E Acrylic Emulsion Polymer should be stored at temperatures between 5°C and 40°C in tightly sealed containers. Avoid freezing of the material! Local legislation on storage must be followed.

PRIMAL WDV-3317E Acrylic Emulsion Polymer 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 to 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.

## 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.

Additional Information	<p>For more information you may call the following numbers:</p> <table> <tr> <td><b>Europe*)</b></td><td><b>+800-3-694-6367 (toll free)</b></td></tr> <tr> <td><b>Italy</b></td><td><b>800-783-825 (toll free, national)</b></td></tr> <tr> <td><b>Europe, Middle East, Africa</b></td><td><b>+31-11567-2626 (toll call)</b></td></tr> <tr> <td><b>South Africa</b></td><td><b>+800-99-5078 (toll free, national)</b></td></tr> </table> <p>*) International toll free from Austria, Belgium, Denmark, Finland (prefix 990), France, Hungary, Ireland, The Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.</p>	<b>Europe*)</b>	<b>+800-3-694-6367 (toll free)</b>	<b>Italy</b>	<b>800-783-825 (toll free, national)</b>	<b>Europe, Middle East, Africa</b>	<b>+31-11567-2626 (toll call)</b>	<b>South Africa</b>	<b>+800-99-5078 (toll free, national)</b>
<b>Europe*)</b>	<b>+800-3-694-6367 (toll free)</b>								
<b>Italy</b>	<b>800-783-825 (toll free, national)</b>								
<b>Europe, Middle East, Africa</b>	<b>+31-11567-2626 (toll call)</b>								
<b>South Africa</b>	<b>+800-99-5078 (toll free, national)</b>								

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, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government 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.

