



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

## **PRIMAL™ CM-160**

### **Acrylic Dispersion**

#### **Product Description**

PRIMAL™ CM-160 Acrylic Dispersion is designed to modify cement compositions and is manufactured without added APEO (no APEO surfactants intentionally added).

#### **Application**

PRIMAL™ CM-160 Acrylic Dispersion is designed for modification of cement in a wide range of thinset applications such as concrete repair, floor screeds, renders and repair mortars. It was especially designed for use under low temperature conditions and may allow an extension of the working season.

PRIMAL CM-160 Acrylic Dispersion has a remarkable stability against cement and can contribute to good adhesion to various substrates (concrete, wood, metal, ...). High flexural and impact strengths as well as abrasion resistance can be achieved over a wide range of curing temperatures (temperature down to 1°C). Resistance against many industrial chemical is good.

PRIMAL CM-160 Acrylic Dispersion adds to high UV resistance and colour retention. For an optimum performance of polymer modified mortars the use of an efficient defoamer in combination with the dispersion is recommended (Tego LAE-511, BYK 037, Dehydran P-3215).

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

Appearance	Milky white liquid
MFFT	1 °C
Solids content	50 ... 51%
pH	8.5 ... 9.7
Density	1.05 g/cm <sup>3</sup>
Viscosity (Brookfield LV, spindle 3 @ 60 rpm, 25°C)	max 500 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™ CM-160 Acrylic Dispersion 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, PRIMAL CM-160 Acrylic Dispersion should be stored at temperatures between 5°C and 40°C in tightly sealed containers. Avoid freezing of the material! Upon purchase, applicable legislation on storage must be maintained/followed. Attention should be paid on hygiene. In some cases it could make sense to add biocides under your sole decision 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

For more information you may call the following numbers:

**International Toll-Free**

**00800-3-694-6367**

International Toll-Free from:  
Austria, Belgium, Denmark, Finland (prefix 990), France,  
Germany, Hungary, Ireland, Netherlands, Norway, Portugal,  
Spain, Sweden, Switzerland, United Kingdom.

**EMEI Toll Call**

**0031-11567-2626**

**Italy Toll-Free National**

**00800-783-825**

**South Africa Toll-Free National**

**00800-99-5078**

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