



## Technical Data Sheet

# **DOW™ Latex Powder (DLP) 2050**

Redispersible Latex Powder

### **Description**

DOW™ Latex Powder (DLP) 2050 redispersible latex powder is a free-flowing, white powder obtained by spray drying of an aqueous vinyl acetate-ethylene copolymer dispersion. DLP 2050 has especially been developed for Self Leveling Flooring Compounds and Repair Mortars based on cement. DLP 2050 product has a very low VOC, which makes the product suitable to produce Self Leveling Flooring Compounds meeting the EMICODE EC1 requirements.

### **Applications**

- Self Leveling Flooring Compounds
- Repair Mortars

### **Benefits**

- Easy to transport, store and handle
- Improves workability
- Improves adhesive, compressive and flexural strength
- Improves abrasion resistance
- Improves transversal deformation
- Enhanced surface quality and adhesion to the substrate
- Helps to reduce the formation of cracks caused by shrinkage

### **Physical properties**

Appearance	White, free- flowing powder
Polymer Base	Vinyl acetate-ethylene copolymer
Residual moisture, max %	2
Bulk density, g/ml	0.475
Ash content, %	14
<b>Redispersion (50% solids)</b>	
Minimum film formation temperature (MFFT), °C	3
pH	6.0

These properties are typical but should not be considered specifications. For detailed specification rates please consult the product Certificate of Analysis.

### **Health & safety considerations**

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

## **Handling & storage**

DLP 2050 is a free-flowing powder, and as such can create dust. Avoid dust buildup. Fine dust of this product can form weakly explosive mixtures with air and could pose a fire and explosion hazard; keep away from ignition sources. Take precautions to avoid accumulation of static charge. Practice care and caution to avoid explosive conditions.

DLP 2050 redispersible polymer powder should be stored in a dry and cool environment. It is recommended to be used within six months. Storage in high humidity and temperature will increase the risk of blocking. Storage under pressure should also be avoided. Do not stack pallets on top of each other.

## **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.

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