



Technical Data Sheet

DOW™ Latex Powder (DLP) 2000

Redispersible Polymer Powder

Description

DOW™ Latex Powder (DLP) 2000 redispersible polymer powder is a free-flowing, white powder obtained by spray drying of an aqueous vinyl acetate-ethylene copolymer dispersion. It offers all the advantages of a free-flowing powder additive, such as ease of transportation, storage and handling. DLP 2000 can be used in a variety of applications in the construction industry to improve key properties of cement- and gypsum-based formulations. It is highly recommended for building products exposed to conditions of thermal or mechanical stress. It has especially been developed for cement-based tile adhesives meeting the EN12004 standard.

Applications

- Cement based tile adhesives
- Adhesion mortars
- Repair mortars
- Renders
- Gypsum joint fillers
- Crack fillers

Benefits

- Application versatility
- Improves workability
- Improves tensile, compression and flexural strength
- Improves transversal deformation
- Yields excellent cost-performance ratio in cement-based tile adhesives, according to EN12004
- Excellent impact resistance
- Helps reduce 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	0.375 – 0.525
Ash content, %	10-14
Redispersion (50% solids)	
(MFFT), °C	3
pH	5.0 – 7.0

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

– May be shared with anyone

©™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

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 2000 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 2000 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.

For further information contact:
North America +800-783-825 (free)
Europa, India, Africa, Middle East:
+800-3-694-6367 (free)
America Latina: +55-11-5188-9000
Pacifico: +800-7776-7776 (free)

<http://www.dow.com>

Disclaimer: 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.

