



DLP 2000

Redispersible Polymer Powder

Description

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 advantages of a free-flowing powder additive such as ease of transportation, storage and handling. DLP 2000 redispersible polymer powder can be used in a variety of applications in the construction industry to improve key properties of cement and gypsum based formulations. It has especially been developed for cement based tile adhesives meeting the EN 12004 standard.

Applications

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

Advantages

- DLP 2000 redispersible polymer powder can be used in many different applications.
- It improves the workability and other important mechanical properties such as tensile, compression, and flexural strength, as well as the transversal deformation.
- According to EN 12004 standard, DLP 2000 redispersible polymer powder yields an excellent cost performance ratio in cement based tile adhesives.
- DLP 2000 redispersible polymer powder is especially recommended for building products exposed to conditions of thermal or mechanical stress. It provides excellent impact resistance and helps to reduce the formation of cracks caused by shrinkage.

Physical Properties (1)

| | |
|--|------------------------------------|
| Polymer Base | Vinyl acetate – ethylene copolymer |
| Powder | |
| Appearance | White, free flowing powder |
| Residual moisture | Maximum 2 % |
| Bulk Density | 0.375 – 0.525 g/ml |
| Ash Content | 10 – 14 % |
| Glass transition temperature (T _g) | Ca. 17 °C |
| Redispersion (ca. 50 % solids) | |
| Minimum film formation temperature | 3 °C |
| pH | 5.0 – 7.0 |

(1) These data are typical values and cannot be considered as specification. For product handling and safety aspects, please refer to the Material Safety Data Sheet.

Storage and Handling

DLP 2000 redispersible polymer powder should be stored in a dry and cool environment. It is recommended to use within 6 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.

For further information contact:

Customer Information Group

North America: 1-800-447-4369
 Europe: +800 3694 6367 toll free
 +32 3 450 2240
 Pacific except China: +800 7776 7776
 Pacific China only: +800 10 600 0015
 All Other Areas: +1-989-832-1560 (U.S.A.)

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