



DLP 220

Redispersible Polymer Powder

Description

DLP 220 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 220 redispersible polymer powder can be used in a variety of applications in the construction industry to improve key properties of cement based formulations.

Applications

- Flexible tile adhesives
- Thermal insulation systems (adhesive & reinforcement layer)
- Renders
- Crack fillers
- Self-leveling flooring compounds

Advantages

- DLP 220 redispersible polymer powder provides excellent adhesion to a variety of substrates.
- It is especially suitable for building products exposed to conditions of increased thermal or mechanical stress.
- As a highly flexible polymer, DLP 220 redispersible polymer powder 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 | 0.350 – 0.500 g/ml |
| Ash Content | 10 – 14 % |
| Glass transition temperature (T _g) | Ca. -2 °C |
| Redispersion (ca. 50% solids) | |
| Minimum film formation temperature | Ca. 0 °C |
| pH | 5.5 – 7.5 |

(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 220 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:

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