



DLP 210

Redispersible Polymer Powder

Description

DLP 210 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 210 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.

Applications

- Cement based tile adhesives
- Tile grouts
- Thermal insulation systems (adhesive & reinforcement layer)
- Self-leveling flooring compounds
- Renders
- Gypsum joint filler
- Repair mortars
- Crack fillers

Advantages

- DLP 210 redispersible polymer powder can be used in many different applications.
- It improves the workability and other important mechanical properties such as tensile and flexural strength and abrasion resistance.
- In cement based tile adhesives, DLP 210 redispersible polymer powder provides excellent adhesion even to difficult substrates and enhances the flexibility.
- It is especially recommended for building products exposed to conditions of thermal or mechanical stress, providing excellent impact resistance and helping 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	0.395 – 0.545 g/ml
Ash Content	10 – 14 %
Glass transition temperature (T _g)	Ca. 6 °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 210 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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