



Shandong Zhuoxing Chemical Co., Ltd.
Zibo Zhuoxing Enterprises Co., Ltd.

TDS of high performance powder defoamer XP-12

Description:

XP-12 defoamer is a highly effective powder defoamer designed to eliminate air entrapment in cementitious based products for the construction industry. The unique chemistry of XP-12 defoamer combines the benefits of fast-acting defoaming with long-lasting deaeration at a molecular level.

XP-12 defoamer helps to enable the fast escape of entrapped air while adding water and during mixing. The resulting cementitious compositions exhibit enhanced flow, excellent self-levelling, reduced air content and a smooth and defect-free hardened surface.

XP-12 defoamer is universally applicable for use in both neutral and alkaline systems. It can be used with all other powder components or in association with cement, water reducer, emulsion and powder polymers, hydrocolloids, fibres and water repellents.

Technical Specification

Technical Data



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Type	XP-12
Appearance	Free-flowing white powder
Apparent density (21 °C)	Approx. 800~900 g/l
Residual Moisture	≤2.00%
PH Value (10% water solution)	6.0-8.0

Application

Cement based systems

- Self-levelling underlayments/overlayments
- Screeds
- Repair and jointing mortars
- Grouts
- Tile adhesives
- Renders and plasters
- External thermal insulation
- Oilfield cementing

◆ Others

- Powder coatings
- Redispersible powders
- Agricultural chemicals
- Inks and adhesives



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Recommend Dosage

XP-12 defoamer can be blended with the other solid ingredients of the formulation in conventional powder mixers or post-added.

Recommended dosage is 0.05 – 0.2 wt.% based on dry blended formulation. The real dosage can be adjusted according to requirements for mortar surface state.

Package and Storage

Packed in 25Kg plastic woven bags with pe inner liner or 25kg craft paper bags, stored in a cool place and protected from moisture.

Since the product is thermoplastic. It should not be subjected to pressure of high temperatures during storage because of the risk of caking.

Shelf time: one year