

Defoamer Powder

Novastar™ P806

Technical Data Sheet (TDS)

Description

NovaStar P806 is formulated with modified polyether compounds, which are polymers with unique properties that make them effective in breaking down and suppressing foam formation.

P806 works by destabilizing and rupturing the foam bubbles, causing them to collapse. This action reduces surface tension and improves air release, ultimately preventing the formation of unwanted foam. Additionally, the modified polyether composition provides enhanced performance and versatility compared to traditional defoaming agents.

Specification

Items	Specification
Appearance	White Powder
Bulk Density	400-600g/L
Moisture Content	≤5.0%
10% liquid PH Value	6.0-8.0
Particle Size	80 Mesh
Active ingredient	Polyether

Fields of application

P806 defoamer is especially suitable for neutral and acidic systems.

- ✓ Self leveling Compounds
- ✓ Waterproof Mortar
- ✓ Repair Mortar
- ✓ Grouting Mortar
- ✓ Decorative Mortar
- ✓ Injection Mortar

Performance and Advantages

(1) Effective foam control and enhanced air release.

(2) Consistent Performance

It helps maintain the desired properties of the mortar mixture, such as setting time, strength development, and adhesion, without the interference of unwanted foam.

Enhanced flowability

(3) Compatibility with various formulations

It is compatible with a wide range of mortar formulations. This versatility allows manufacturers and construction professionals to use them in different mortar compositions without compromising effectiveness.

(4) Cost-effective solution

Their effectiveness often allows for lower usage rates compared to less efficient defoaming agents, resulting in overall cost savings.

Usage and Dosage

Pre-mix evenly with other dry powder components.

The recommended addition amount is 0.1%-0.3% of the cementitious material, which must be pre-tested according to the raw materials and construction specifications before use.

Packing

25 kg / paper bag

Storage and Shelf life

Store products in their original packaging in a dry, clean environment, away from heat sources. Ensuring tightly sealed packaging to prevent moisture intrusion if not fully utilized.

Shelf-life time is 12 months stored under the right conditions.

Transport Regulation

Not known as a dangerous goods according to transport regulations.