Construction Polymers

Technical Data Sheet

Starvis® 3003 F

BASF
The Chemical Company

Chemical Nature

Starvis® 3003 F is a powder based on a high-molecular weight synthetic copolymer. Starvis® 3003 F is a high-performance viscosity enhancing agent for cement and calcium sulphate based materials

Properties

Typical Properties

Physical shape	powder
Appearance	characteristic, white to yellowish
Drying loss	max. 10.0%
Bulk density	250 – 400 kg/m³
pH value at 20 ˚C (2% solution)	6.0 – 9.0
Dosage recommendation by weight of dry mortar	0.05 – 0.20%

Applications

Fields of application

Starvis® 3003 F acts as a viscosity modifying agent to prevent bleeding and segregation. It is suitable for stabilization of very fluid cement and calcium sulphate based mixtures, including the following:

- Dry-mix concrete
- Non-shrink grouts
- Cementitious self-levelling underlayment
- Cementitious floor screeds
- $CaSO_4$-based self-levelling floor screeds

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Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

Material Safety Data Sheet

All safety information is provided in the Material Safety Data Sheet for Starvis® 3003 F.

Transport Regulation

Not known as a dangerous good according to transport regulations.

Storage

Starvis® 3003 F has a shelf life of 4 years. It is to be stored in its unopened original packaging, please store dry at usual ambient temperatures.

Packaging

20 kg / 44 lb paper bags

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