RHEOPOL® B3

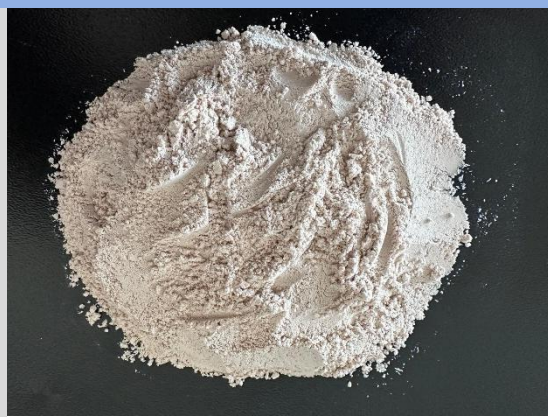
Mineral additive for high absorption and rheology control

DESCRIPTION

RHEOPOL® B3 is powder mineral additive used for its high absorption and rheology control properties in the system in which it is incorporated. It enhances formulation stability, improves application properties and ensures controlled flow and consistency.

With its high absorption capacity and strong binding ability **RHEOPOL® B3** integrates easily into formulations—either during dispersion/mixing or as a pre-gel. Its ability to create highly homogeneous systems helps to boost the effectiveness of key formulation components, enabling dose reduction and overall cost savings.

The recommended dosage of **RHEOPOL® B3** varies depending on the system, typically ranging from 0.05% to 2%.



PROPERTIES

RHEOPOL® B3 ensures uniform distribution of fillers, solvents, and other components by effectively controlling the flow behavior and consistency of the system. **RHEOPOL® B3** builds high consistency in the system, ensuring optimal suspending and emulsifying power and excellent resistance to settling and sedimentation.

It provides to the system in which it is incorporated the following properties:

- Optimal distribution of fillers, solvents and other components
- Better workability and pumpability
- Anti-slipping and mortar sagging
- Better texturing and surface finishing
- Stronger binding properties

APPLICATIONS

- Suspending agent for liquid additives
- Mortar and plaster additive
- Filler for plasterboard
- Asphalt sheets and emulsions
- Foundry coatings
- Friction materials
- Gaskets
- Sealants and mastics
- Drilling mud and civil engineering

Product Information	
Colour	Cream
Appearance	Powder
Packing	Available in 15 kg bags and 700 kg Big Bags
Storage	Dry conditions/protected from humidity

Physical – Chemical Properties[1]	
Mineralogic Composition	Hydrous magnesium silicate (Sepiolite)
Moisture [2]	10-15%
PH	8.5 ± 0.5
Brookfield Viscosity (mPa·s)[3]	11.000 ±2.000
Particle Size Distribution	D90 : < 38 µm Residue on 63 µm : < 2%

1 Applicable to the whole batch.

2 Measured at the packing stage and can vary according to relative humidity during the transport and storage.

3 Measured at 5 rpm with 7% of dried substance collected from the batch.

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