

Shepagel ED RHEOLOGICAL ADDITIVE

Shepagel ED is a modified bentonite for water-based systems.

Advantages

- Good thickening and thixotropy property.
- Good swelling property.
- Good transparency.
- Economical in price.
- High purity

Typical Properties

Item	Standard
Appearance	White Powder
Granularity (200 mesh) %	≥ 95%
Moisture H ₂ O % (105°C)	≤ 12%
PH value (10% suspension)	9-13
Whiteness	≥ 70
Surface viscosity	≥ 300

Typical Applications

Natural stone coating	Emulsion paint
Pigment thixotropic agent	Pigment

Incorporations

Shepagel ED can be added directly in powder form. No need for polar actiator or pre-gel. Recommended procedures are as follows:

1. Water.
2. Shepagel ED (Dispersing at high speed shear for 15-30minutes).
3. Other additives (film-forming agent,dispersing agent,defoaming agent, etc.)
4. Pigment and filler (Mixing and dispersing).
5. Emulsion (Mixing).
6. Post correct.

Recommended Levels

The amount of Shepagel ED rheological additive required depends upon the specific system and the degree of thickening or other properties desired. Addition levels are typically between 0.5%-3.0% based on the total formulation weight.

Packing And Shelf Life

The package consists of external package(brown paper bag) and internal package(polyethylene film bag). The valve bag is also available and the weight is usually 25 ± 0.25 KG also can be customized. In the condition of dry place and proper temperature, the quality guarantee period is 36 months.

Health And Safety Data

Before using this product please consult our Material Safety Data Sheet(MSDS) for information on safe handling and storage.

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