



HEMINGS

NANJING HEMINGS NEW MATERIAL

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Hatorite® DE

Rheological Additive for Water-borne System

Hatorite DE rheological additive is a highly beneficiated, hyperdispersible powdered hectorite clay.

Applications

- Architectural (Deco) Latex Paints
- Links
- Maintenance coatings

Key Properties

Hatorite DE rheological additive

- high concentration pregels simplify paint manufacture
- pourable, easily handled pregels at up to 14% concentration in water
- low dispersion energy for complete activation
- diminished post thickening
- excellent pigment suspension

- excellent sprayability
- superior syneresis control
- good spatter resistance

Chemical and Physical Data

Composition highly beneficiated smectite clay

Colour /Form milky-white, soft powder

Particle size min94 % thru 200 mesh

Density 2.50 g/cm³

Incorporation

Hatorite DE additive is best used as a pregel.

Hatorite DE Pregels

A key advantage of Hatorite DE is the ability to make relatively high concentration pregels quickly and easily –up to 14% Hatorite DE- and still result in a pourable pregel.

To make a pourable pregel, use this procedure:

Add in the order listed: Parts by WT.

1. Water 86

Turn on HSD and set to approx.

10-12 m/s on a high speed dispenser

2. Slowly add BENTONE DE 14

Store finished pregel in an airtight container

Levels of Use

Typical addition levels are 0.1-1.0% Hatorite DE additive by weight of total formulation, depending upon the degree of suspension, the rheological properties or viscosity required.

Safety

Before using this product please consult our Safety Data Sheet (MSDS) .

Storage and Handling

Store in a dry place, Hatorite DE additive will absorb moisture if stored under high humidity conditions.