

Technical Data Sheet HS-950

Product description

HONGSHI HS-950 is a copolymer emulsion based on Vinyl Acetate and Ethylene (VAE), which has low odor. HS-950 has good dispersibility for cement and fillers, especially suitable for 2K waterproofing coating to gain good mechanical properties and waterproofing performance.

Product property

- HS-950 is an emulsion without APEO and plasticizer.
- HS-950 has good compatibility with cement and fillers and has little impact on cement hydration.
- HS-950 shows good tensile strength and elongation in waterproofing coating, also has good bonding strength with substrates.
- HS-950 has good compatibility with common pigments and is easy to process.
- HS-950 can endue cement products with excellent workability.
- HS-950 has a minimum film-forming temperature of 0 °C, so no need to add film-forming additives in the formulation.

Technical data

Property	Method	Result
Appearance	Visual	Milk white liquid
Solid content	GB/T 27573	54.5~56.5%
Viscosity (4# 20rpm 25 °C)	GB/T 27573	3000~6000 mPa.s
pH	GB/T 27573	4.0~5.0
Tg	Hongshi method	Approx. 0 °C

Application

HS-950 can mix with most water-based polymer emulsions with anionic and non-ionic protection system, especially suitable for 2K waterproofing coating or mortar, 1 K or 2K concrete interface agent and adhesive.

VAE Emulsion

Storage

- The suitable storage temperature for HS-950 is 5~37°C.
- If HS-950 is not used up after opening, the opening must be sealed as soon as possible to avoid emulsion crusting due to drying.
- HS-950 has a shelf life of 6 months when unopened and stored under appropriate conditions.
- After long-term storage of HS-950, recommend stirring it before use.
- Since the pH of this product is acidic, it is not suitable to store HS-950 with iron container equipment directly. It is recommended to use stainless steel, ceramic, plastic and other material containers for storage.

Packaging

- ISO Tank
- Flexible Tank
- IBC tank
- 220Kg Drum
- 50Kg PE Drum

Transportation

Ensure complete and sealed packaging during transportation to prevent microbial and crusting risk.

This information is based on the description of the product and its current knowledge of the product in consideration of the need for safe use. But these data do not serve as a guarantee for some specific application scenarios. It is the responsibility of the product user to ensure that the formulation is suitable for the purpose of its use. Hongshi is not responsible for any risk arising from such information. At the same time, according to the needs of product development and technological progress, Hongshi will reserve the right to update the product data. (06-2024)