

Technical Data Sheet HS-788H

Product Description

Redispersible polymer powder HS-788H is a hydrophobic polymer powder prepared mainly from ethylene-vinyl acetate copolymer emulsion with enhanced properties. It exhibits excellent hydrophobicity and is suitable for use in dry-mix mortars, waterproof mortars, decorative mortars, repair mortars, skimcoat, etc.

Product Property

- HS-788H has undergone special hydrophobic modification, resulting in hardened mortars with strong hydrophobic properties. It is particularly suitable for applications where high hydrophobicity is required.
- HS-788H with the characteristics of high glass transition temperature and low film forming temperature, which fits for application scenarios that require high bonding strength and good adhesion.
- HS-788H with good acid and alkaline resistance, is good for the workability and weatherability of the construction material products which used it.
- HS-788H not only retains the superior performances of the original VAE emulsion, such as good film formation, excellent adhesion and durable flexibility, but also improves the convenience and stability for transportation, storage and operation.
- HS-788H is produced without adding plasticizer, film forming additives or solvent, so it has excellent environmental protection, low odor, low VOC.

Technical data

Property	Method	Result
Appearance	Visual	White powder
Solid content	GB/T 29594	≥98.0%
Ash content	GB/T 29594	12±2%
Bulk density	GB/T 29594	450~650 g/L
Tg	Hongshi method	Approx.15℃
MFFT	Hongshi method	4℃
>450μm	Hongshi method	≤2.0%

Redispersible VAE Powder



Applications and dosage

HS-788H is recommended to use in dry mixing mortar, such as waterproof mortars, decorative mortars, repair mortars, skimcoat, etc.

- In waterproofing mortar, is recommended to add 3~10% dosage of HS-788H, which can effectively improve hydrophobicity and decrease water absorption.
- In skim coat formulation, is recommended to add 1.5~5% dosage of HS-788H, which can improve the flexibility, water absorption and bonding strength with the substrate.

Storage

- HS-788H storage should protect from moisture.
- At storage temperatures above 30°C or under pressure during storage may cause HS-788H caking occurs.
- If HS-788H is not used up after opening, it should be sealed in time and used as soon as possible.
- The optimal service life of HS-788H is 6 months, and the possibility of the product performances beyond the best use period will be reduced.
- In order to ensure the best use effect of HS-788H, it is recommended to test the product's performances before use.

Packaging

- 25Kg bag
- 600Kg Big Bag

Transportation

Ensure that the packaging is intact during transportation, protects from moisture, avoids high temperature and pressure.

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)

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