

Technical Data Sheet HS-660

Product description

HONGSHI HS-660 is water-based emulsion of Vinyl Acetate and Ethylene (VAE), no organic solvent, plasticizer, formaldehyde and APEO to be added during production process, therefore the emulsion of HS-660 has pleasant odor, is an eco-friendly waterborne adhesive.

Product property

- HS-660 is designed for fireproof core of Aluminum Composite Panels (ACP) with high solid content and low viscosity, can reduce production energy consumption and improve product quality.
- HS-660 with high glass transition temperature (Tg), can form polymer with better adhesion and cohesion.
- HS-660 with low combustion heat, is applicable to produce low heat value inorganic fireproof core for ACP (A class).
- HS-660 has good compatibility with other fillers for fireproof core.

Technical data

Property	Method	Result
Appearance	Visual	Milk white liquid
Solid content	GB/T 27573	57.0~59.0%
Viscosity (4# 20rpm 25℃)	GB/T 27573	1000~3500 mPa.s
pH	GB/T 27573	3.5~5.5
Tg	Hongshi method	Approx. 15℃

Application

HS-660 can be used as binder and adhesive in the following area:

- Fireproof core of Aluminum Composite Panels (ACP), wet processing

Storage

- The suitable storage temperature for HS-660 is 5~37℃.

VAE Emulsion

- If HS-660 is not used up after opening, the opening must be sealed as soon as possible to avoid emulsion crusting due to drying.
- HS-660 has a shelf life of 6 months when unopened and stored under appropriate conditions.
- After long-term storage of HS-660, recommend stirring it before use.
- Since the pH of this product is acidic, it is not suitable to store HS-660 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. (01-2024)