



Water-resistant polymer bonding agent and mortar-strengthening additive

YHLatex-400 HK

Description

YHLatex-400 HK is a styrene-butadiene polymer emulsion, which is used as the cement-based adhesive and additive for high-quality on-site mixed mortar.

Features & Benefits

- Enhance adhesion
- Reduce shrinkage and cracking
- Enhance abrasion resistance
- Improve waterproofness

Uses

YHLatex-400 HK is used as the adhesive and additive for high-quality on-site mixed mortar for the following applications:

- Grout and mortar
- Repair mortar
- Masonry mortar
- Plastering
- Tile adhesive



Packing and Specifications

Item	Description
Packaging	4kg or 20kg/pail
Composition	Emulsion
Appearance	Milky
Shelf Life	12 months from date of production

Typical Properties and Characteristic

Description	Test Methods	Values
Solid content	BS ENISO 3251	46.6%
Dynamic Viscosity	ASTM D445	<100cp

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Application Information

As adhesive: 1 part YHLatex-400 HK to 1 part cement.

As mortar: 5 parts cement, 15 parts sand, 1 part YHLatex-400 and 1 part water.

*Actual water amount depends on the moisture content of sand.

Application Instruction

Substrate Preparation

The substrate shall be thoroughly cleaned, free of dust, loose materials, surface contamination and substances that reduce the adhesive property or prevent the cementing material from being sucked or wetted. Delaminated, brittle, damaged and deteriorated substrates shall be removed by appropriate methods before application. Rust, scale, dust and other loose and hazardous materials that impair adhesive properties or cause product corrosion shall be removed before use.

Mixing and Application

Bonding Coat: Mix equal parts of YHLatex-400 HK and Portland cement. Apply a large amount of mixture vigorously with a hard brush to the previously wetted and prepared surface. Apply when the substrate is still wet.

Water Resistant Mortar: Mix YHLatex-400 HK, water, Portland cement and sand according to the mixing ratio specified on the Product Data Sheet. Apply YHLatex-400 HK mortar when the substrate is still wet. Use wooden float or steel trowel to finish mortar plastering.

*Actual water amount depends on the moisture content of sand.

Equipment Cleaning

All tools and application equipment shall be cleaned with water immediately after use. Hardened or cured material can only be removed mechanically.

Transportation and Storage

Avoid rain and crash during transportation to avoid damage to the packaging. The product shall be stored in a cool, dry and ventilated place at a temperature of 5°C~35°C. Under normal transportation and storage conditions, the product has a shelf life of 12 months.

Precautions

The temperature during construction shall be between 5°C and 35°C;

Precipitation and stratification during storage are normal. Stir evenly before use;

Unused materials after unpacking shall be sealed and stored;

This product may cause skin irritation, and protective measures shall be taken when using it;

In the event of eye contact, rinse the affected area immediately with clean water. If any discomfort persists, seek medical attention promptly.

This product is not classified as a hazardous mixture or substance. Please refer to the safety data sheet before use.

Basis of Product Data

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Ecology, Health and Safety

Users shall refer to the latest Material Safety Data Sheet (MSDS) containing physical, ecological, toxicological and other safety-related data for information and advice on safe handling, storage and disposal of chemicals.

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Local Restrictions

The performance of this product may vary from country to country due to specific local regulations. For an exact description of the field of application, please refer to your local Product Data Sheet.

Legal Notes

This information, especially the recommendations related to the application and final use of Oriental Yuhong's products, is provided based on Oriental Yuhong's current knowledge and experience of the products when stored, handled, and applied properly in accordance with Oriental Yuhong's recommendations under normal conditions. In practice, the differences in materials, substrates, and actual site conditions make it impossible to infer any guarantee of merchantability or suitability for a specific application from this information, any written suggestions, or any other advice provided,

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its products. Ownership of third parties must be observed. All orders are subject to our current Terms of Sale and Delivery. Users must always refer to the latest issue of local Product Data Sheet for the products concerned, copies of which will be provided upon request. The

above disclaimer may need to be tailored to specific local laws and regulations.