

High strength nail free adhesive sealant

YHBond-120

Description

Made of new polymer materials, the product features quick curing, super bonding performance, aging resistance, and easy application. It can replace traditional iron nails and screws, without causing drilling holes, nail holes, and damage to substrates.

Features & Benefits

- Easy application
- Quick curing
- Excellent bonding performance
- Wide application range



Uses

- It is suitable for bonding most building materials, such as skirting boards, wooden frames, ceramics, bricks, flooring, and plasterboards.

Packing and Specifications

Item	Description
Composition	Synthetic rubber
Color	White
Packaging	50ml/300 ml Cartridge

Typical Properties and Characteristics

Description	Test Methods	Values
Shear Strength(0.1 mm adhesive thickness: after 28 d)	ASTM D1002	26.97 kg/cm ²
Shore A hardness	EN ISO 868: 2003	73 HA

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Application Information

Item	Description
Application temperature	+5°C to +40°C
Tack free time	~5minutes @+23°C/50% RH
Open time	1~5 min @+23°C/50% RH
Temperature resistance	-30°C to +60°C

Application Method

Substrate preparation

Ensure substrate surfaces are clean and free of dirt, oil stains, and other loose or contaminated materials.

Application

Apply the sealant to the substrates to be bonded, press hard, and then pull it apart. Wait for 1-2 minutes and press hard again. Fix for at least 24 h.

Application tips:

Please conduct compatibility and adhesion tests before use.

Transportation & Storage

This product is a non-flammable and explosive material and can be transported as general cargo. During transportation, it is necessary to prevent rain, sun exposure, and freezing, avoid squeezing and collision, and keep the packaging intact and undamaged. Store in a cool and dry place below 27°C, and unopened products have a shelf life of 12 months;

Precautions

YHBond-120 contains solvent substrates (such as plastic) that may degrade and affect sensitive components. It shall not be used on bituminous substrates, natural rubber, EPDM rubber, or any building material prone to leaching oils, plasticizers, or solvents that may degrade the adhesive.

It shall not be used to bond glass if the sealant joints are exposed to sunlight.

It shall not be used for structural bonding.

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.

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

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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, nor can any liability arise from any legal relationship. The user of the product must test the product's suitability for the intended application and purpose. Oriental Yuhong reserves the right to change the characteristics of 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.