



Polyurethane foam sealant

YHFoam-143

Description

YHFoam-143 polyurethane foam sealant is mainly suitable for the installation, fixation and sealing of high-grade wooden doors and windows, aluminum plastic windows, aluminum alloy window frames and various types of pipes. It is designed with the prefoaming technology and is free of harmful substances such as Freon and formaldehyde. It has the advantages of fast curing, good elasticity, extrusion resistance, good adhesion and no embrittlement at low temperature.

Features & Benefits

- Extended length in linear meters
- high bonding strength
- high foaming
- shrinkage resistance



Uses

- Mainly suitable for the installation, fixation and sealing of high-grade wooden doors and windows, aluminum plastic windows, aluminum alloy window frames and various types of pipes



Packing and Specifications

Item	Description
Composition	Polyurethane Foam Sealant
Color	White
Packaging	750 ml Cartridge, 15 per box

Reference standard

JC/T936 《One-component polyurethane foam》

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Application Instructions

Normal construction temperature: +5°C~+35°C (optimal operating temperature: +15°C~+25°C);

Temperature resistance range of the cured foam: -30°C ~ +80°C; the product is harmless to human body after curing; The foam is not sticky within 10 minutes after spraying, and can be cut within 40-60 minutes (measured at 25°C and 50% relative humidity);

The foam adheres to surfaces of most materials, excluding Teflon and silicone.

Application Procedure

Before construction, remove floating ash and oil stains on the substrate. When the ambient humidity is lower than the standard condition humidity (50±5%), spray a little water on the surface;

Shake the tank body up and down at least 20 times before use, then install the sealant gun/spray pipe, and keep the tank body vertically downward during application;

When filling vertical gaps, spray from the bottom to the top. Generally, only 60%-80% of the gaps needs to be filled;

After the sealant is cured, cut off excess foam;

The product is not UV-resistant, so the cured foam surface needs to be covered with other materials such as silicone sealants, cement mortars, paints, etc.

Safety Instructions

Keep the product out of reach of children;

Avoid direct sunlight; the storage temperature shall not exceed 40°C, and it is forbidden to be close to open flames or contact with inflammable and explosive articles;

There will be volatile gas during the construction of this product, so the construction site shall be ventilated.

Smoking and close to fire sources or hot surfaces are not allowed to prevent electric leakage and sparking of electrical equipment;

Wear PPE such as goggles and gloves during operation. If the product comes into contact with skin or eyes, please rinse immediately with clean water. If the discomfort continues, please seek medical advice immediately;

During transportation, avoid severe jolting, collisions, inversion, or placing the item inside the cab. During loading and unloading, prevent throwing or dropping. Protect the item from rain, exposure to sunlight, and freezing. Avoid squeezing and collisions, and ensure the packaging remains intact and undamaged;

Do not puncture or burn used empty tanks.

Product Storage

The product shall be stored in a cool, dry and ventilated environment at 10°C to 35°C. It is strictly prohibited to place it upside down. The shelf life of the unopened product is 12 months.

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, 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.

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