

YHSil-101 MR

Mildew-resistant neutral silicone sealant for kitchens and bathrooms

Description

YHSil-101 MR is a one-component neutral curing waterproofing sealant for buildings. It applies to bathrooms and other areas requiring mildew-proof or damp-proof sealing.

It has high mildew-proof and anti-displacement performance and can firmly adhere to most building materials without prime coating.

Features & Benefits

- Long resistance to fungus and mildew
- High elasticity and flexibility
- Low odor and neutral curing
- Non-corrosive to most substrates

Uses

- It applies to bathrooms and other indoor areas requiring mildew-proof or damp-proof sealing, such as shower cubicles, sanitary wares, bathtubs, washbasins, sinks, closest, bath countertops, and basements.
- It can be applied to various substrates, including metal (excluding copper), glass (excluding mirrors), stone, and aluminum.



Packing and Specifications

Item	Description
Composition	Neutral curing silicone
Appearance	White, Clear
Packaging	300 ml Cartridge, 24 per box

Mildew-resistant neutral silicone sealant for kitchens and bathrooms

YHSil-101 MR

Typical Properties and Characteristics

Description	TestMethods	Values
Density	ISO 1183-1	1.04 g/cm ³
Slump	ASTM D2202	0mm
Maximum Tensile strength	ASTM D412	1.53MPa
Elongation at break	ASTM D412	604%
Modulus at 100% Elongation	DIN 53504	0.26MPa
Adhesion and cohesion under cyclic movement	ASTM C 719	Adhesion Loss: 9.13 cm ² Cohesion Loss:0.74 cm ²
Shore A hardness	ISO 868	25HA

Application Information

Item	Description
Application temperature	+5°C to +40°C
Tack free time	10-30 minutes @+23°C/50% RH
Curing time	3 mm/24 hours @+23°C/50% RH
Temperature resistance	-40°C to +120°C
Frost resistance during transportation	Up to - 15°C

Application Method

Substrate preparation

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

Lay masking tapes at joint edges to ensure cleanliness.

Application

Cut the nozzle to a suitable diameter at an angle of approximately 45°to 60°.

Squeeze out one bead of sealant with a glue gun.

Squeeze the sealant to make it in full contact with both

sides of the joint and avoid any air entrainment.

Smooth the sealant with a finishing tool to obtain a smooth surface.

Remove masking tapes immediately after smoothing.

Application tips:

Please conduct compatibility and adhesion tests before use.

Mildew-resistant neutral silicone sealant for kitchens and bathrooms

YHSil-101 MR

Transportation & Storage

The product is composed of non-flammable and non-explosive materials and can be transported as a general cargo. The product shall be protected against rain, sunlight, freezing, squeezing, and collision and the package shall be kept intact in transportation.

The product shall be stored in a cool and dry place below 27°C. The shelf life of unopened products 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.

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. 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.