



**SILAINT**

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Provide Professional Sealant and Adhesive Solutions

# Product Introduction

Presenter name



# ABOUT US

## YUZHONG SILAINTEE CO., LTD

Yuzhong Silaintee Co., Ltd. is located in Shanghai, the economic center of China. It was started by three young people, who are committed to providing high-quality silicone sealant products to the world! After 10 years of rapid development, Silaintee has been a large-scale professional manufacturer of silicone adhesives, now it has 2 R&D centers respectively located at Shanghai and Shandong, it has 3 main production bases in Shandong, Jiangsu and Guangdong province, the products are widely used in building constructions, home improvement, automotive, electronics, and any other industries.



**Construction**



**Curtain Wall**



**Window and Door**



**Home Decoration**

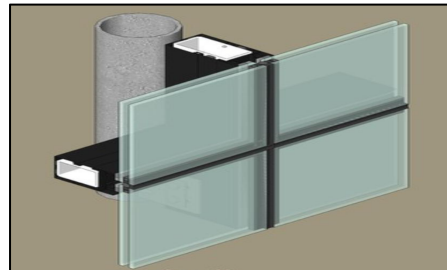
# Application Domain



**Insulation Glass**



**Solar Photovoltaic**



**Structural Adhesive**



**Special Application**



# Catalog

01 **Curtain Wall Silicone Sealant**

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02 **Window and Door Sealant**

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03 **Home Improvement Sealant**

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04 **Insulating Glass Sealant**

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05 **Photovoltaic Adhesive**

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06 **PU Foam**

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# Structural Silicone Sealant—SLT900



## Product Features:

1. The product has one component, neutral curing, high intensity, high viscosity and high modulus, with very strong displacement resistance, anti-corrosion, and non-pollution.
2. Compared with most other construction materials, the product has excellent bonded sealing performance without base coating, with high extensibility, water tightness, and other functions.
3. The cured product forms cold-resistant, heat-resistant, and anti-corrosion elastomer, with high resistance against weather, aging, UV, ozone and high-low temperatures, without environmental pollution.
4. The product is highly compatible with other silicone adhesives.

## Main Usages:

1. The product applies to the design of semi-hidden frame or full-hidden frame engineering curtain walls and the adhesion and sealing of other types of construction, and industrial structures.
2. The product is applicable to structural adhesion, assembly, and sealing of glass curtain walls, stone (marble and granite) curtain walls, Al plate curtain walls and metal structural projects.
3. The cured product forms cold-resistant, heat-resistant, and anti-corrosion elastomer, with high resistance against weather, aging, UV, ozone, and high-low temperatures, without environmental pollution.

# Weatherproof Silicone Sealant—BL810



## Product Features:

1. The product is of medium to high modulus, with Grade 35 displacement capability, excellent displacement and tension resistance, good adhesion and sealing performance, outstanding extensibility and intentional weather resistance. It nearly has no shrinkage after long-time weather resistance.
2. The product has high cohesion resistance and corrosion resistance, as well as good adhesivity with most construction materials without base coating.
3. The cured product forms cold-resistant, heat-resistant and anti-corrosion elastomer, with high resistance against weathers, aging, UV, ozone and high-low temperatures, without environmental pollution.
4. The product is highly compatible with other silicone adhesives.

## Main Usages:

1. The product applies to weather-proof sealing of high-rise glass curtain walls and metal curtain projects.
2. The product applies to outdoor installation and sealing of day lighting roofs and various doors and windows.
3. The product is applicable to adhesion and jointing of ceramics projects.

# Weatherproof Silicone Sealant—LB820



## Product Features:

1. Aiming at features of Al plate anode oxide films and painting coatings, our company's specialized adhesion sealant shows generalized excellence in adhesion.
2. The product has single component and neutral curing, excellent jointing and adhesion with materials such as powders and fluorine-carbon-coated Al sheets, Al-plastic plates and their aluminum alloys, as well as high temperature resistance.
3. The product has neutral curing, convenience in use, high extrusion, thixotropy, and high resistance to weathers, aging, UV, ozone and high-low temperatures.
4. The product is highly compatible with other silicone adhesives.

## Main Usages:

1. The product applies to projects of Al sheet curtain walls and Al-plastic plate curtain walls.
2. The product applies to installation of various aluminum alloy and plastic-steel doors and windows, as well as jointing, sealed adhesion, sealing of different buildings and industrial sealing.

# Weatherproof Silicone Sealant—SC830



## Product Features:

1. The product has no white oil or solvent, with high colloid temperature resistance and adhesion sealing, and is free of oil seeping pollution to stones.
2. The product has single component, neutral curing and high adhesivity and weather resistance to stone materials such as marbles and granite.
3. The product has generalized high adhesivity to various construction materials, without corrosion or base coating.
4. The cured product forms cold-resistant, heat-resistant and anti-corrosion elastomer, with high resistance against weathers, aging, UV, ozone and high-low temperatures, without environmental pollution.

## Main Usages:

1. The product can be used as weather-proof adhesive of dry-hung stone (marble and granite) curtain wall projects and is applicable to weather-proof sealing of Al single-sheet installation projects.
2. The product is applicable to jointing and sealing between stones and other materials.
3. The product is applicable to adhesion and jointing of ceramics projects.



# Outdoor Silicone Sealant—M700



## Product Features:

1. The product contains no white oil, with a tiny shrinking percentage, high tensile strength and a high resilience rate.
2. The product has single component, neutral curing and high adhesivity and weather resistance to stone materials such as marbles and granite.
3. The product has generalized high adhesivity to various construction materials, without corrosion or base coating.
4. The cured product forms cold-resistant, heat-resistant and anti-corrosion elastomer, with high resistance against weathers, aging, UV, ozone and high-low temperatures, without environmental pollution.

## Main Usages:

1. The product is used for outdoor installation and weather-proof sealing of engineering doors and windows.
2. The product is applicable to jointing and sealing between stones and other materials.
3. The product is used for adhesion and sealing of materials in construction industry, such as glass, cutoff bridge Al, aluminum alloy and plastic steel.

# Outdoor Silicone Sealant—M600



## Product Features:

1. The product contains no white oil, with a tiny shrinking percentage, high tensile strength and a high resilience rate.
2. The product has single component, neutral curing and high adhesivity and weather resistance to stone materials such as marbles and granite.
3. The product has generalized high adhesivity to various construction materials, without corrosion or base coating.
4. The cured product forms cold-resistant, heat-resistant and anti-corrosion elastomer, with high resistance against weathers, aging, UV, ozone and high-low temperatures, without environmental pollution.

## Main Usages:

1. The product is used for outdoor installation and weather-proof sealing of engineering doors and windows.
2. The product is applicable to jointing and sealing between stones and other materials.
3. The product is used for adhesion and sealing of materials in construction industry, such as glass, cutoff bridge Al, aluminum alloy and plastic steel.

# Outdoor Silicone Sealant—M500



## Product Features:

1. The product contains no white oil, with a tiny shrinking percentage, high tensile strength and a high resilience rate.
2. The product has single component, neutral curing and high adhesivity and weather resistance to stone materials such as marbles and granite.
3. The product has generalized high adhesivity to various construction materials, without corrosion or base coating.
4. The cured product forms cold-resistant, heat-resistant and anti-corrosion elastomer, with high resistance against weathers, aging, UV, ozone and high-low temperatures, without environmental pollution.

## Main Usages:

1. The product is used for outdoor installation and weather-proof sealing of engineering doors and windows.
2. The product is applicable to jointing and sealing between stones and other materials.
3. The product is used for adhesion and sealing of materials in construction industry, such as glass, cutoff bridge Al, aluminum alloy and plastic steel.

# Multifunction Silicone Sealant—DGN777



## Product Features:

1. The product is a multi-functional adhesion product for home decoration, with generalized adhesion, fast curing, and is odor-free and environment-friendly.
2. The product has one component, medium-to-high modulus, high adhesion and sealing and extensive materials for adhesion.
3. The product is applicable to adhesion of the following materials: ABS, PVC, ceramic, glass, stainless steel, aluminum alloy, tile and wood floor.

## Main Usages:

1. The product is used for indoor installation and sealing of doors and windows, skirting adhesion, jointing and adhesion of tiles and adhesion and fixation of stair treads.
2. The product is used for adhesion and jointing of wood floors, adhesion, sealing and edging of background walls and jointing and edging of furniture.
3. The product is used for adhesion and fixation of PVC wallboards, tile facing adhesion, door pocket adhesion and seam trimming in kitchen and bathroom.
4. The product is used for adhesion and sealing in industries such as automobiles, container trucks, engineering machines and machine tool equipment.

# Anti-Mildew Transparent Silicone Sealant—FM9981



## Product Features:

1. The product contains no white oil and is water-proof, mildew-free, oil-free, stain-free, yellowing-free, UV-free, odor-free, and non-toxic.
2. The product has one component, high intensity, neutral curing at room temperature and very high displacement resistance.
3. The product has generalized high adhesivity to various construction materials, without corrosion or base coating.
4. The product is resistant to temperatures of  $-50^{\circ}\text{C}$  to  $150^{\circ}\text{C}$  and cannot be coated and adhered to silicone rubber resin.

## Main Usages:

1. The product is used for water-proof, mildew-proof edge sealing and beautifying of wash basin, toilet, shower room, bathroom, tile and floor.
2. The product is used for edge sealing and seam trimming of integrated cupboards, with stain resistance, fastness and scrubbing endurance.
3. The product is used for adhesion, jointing and edge sealing of seams in the whole house.

# Anti-Mildew White Silicone Sealant—FM9982



## Product Features:

1. The product contains no white oil and is water-proof, mildew-free, oil-free, stain-free, yellowing-free, UV-free, odor-free, and non-toxic.
2. The product has one component, high intensity, neutral curing at room temperature and very high displacement resistance.
3. The product has generalized high adhesivity to various construction materials, without corrosion or base coating.
4. The product is resistant to temperatures of  $-50^{\circ}\text{C}$  to  $150^{\circ}\text{C}$  and cannot be coated and adhered to silicone rubber resin.

## Main Usages:

1. The product is used for water-proof, mildew-proof edge sealing and beautifying of wash basin, toilet, shower room, bathroom, tile and floor.
2. The product is used for edge sealing and seam trimming of integrated cupboards, with stain resistance, fastness and scrubbing endurance.
3. The product is used for adhesion, jointing and edge sealing of seams in the whole house.

# Anti-Mildew Transparent Silicone Sealant—FM7981



## Product Features:

1. The product contains no white oil and is water-proof, mildew-free, oil-free, stain-free, yellowing-free, UV-free, odor-free, and non-toxic.
2. The product has one component, high intensity, neutral curing at room temperature and very high displacement resistance.
3. The product has generalized high adhesivity to various construction materials, without corrosion or base coating.
4. The product is resistant to temperatures of  $-50^{\circ}\text{C}$  to  $150^{\circ}\text{C}$  and cannot be coated and adhered to silicone rubber resin.

## Main Usages:

1. The product is used for water-proof, mildew-proof edge sealing and beautifying of wash basin, toilet, shower room, bathroom, tile and floor.
2. The product is used for edge sealing and seam trimming of integrated cupboards, with stain resistance, fastness and scrubbing endurance.
3. The product is used for adhesion, jointing and edge sealing of seams in the whole house.

# Anti-Mildew White Silicone Sealant—FM7982



## Product Features:

1. The product contains no white oil and is water-proof, mildew-free, oil-free, stain-free, yellowing-free, UV-free, odor-free, and non-toxic.
2. The product has one component, high intensity, neutral curing at room temperature and very high displacement resistance.
3. The product has generalized high adhesivity to various construction materials, without corrosion or base coating.
4. The product is resistant to temperatures of  $-50^{\circ}\text{C}$  to  $150^{\circ}\text{C}$  and cannot be coated and adhered to silicone rubber resin.

## Main Usages:

1. The product is used for water-proof, mildew-proof edge sealing and beautifying of wash basin, toilet, shower room, bathroom, tile and floor.
2. The product is used for edge sealing and seam trimming of integrated cupboards, with stain resistance, fastness and scrubbing endurance.
3. The product is used for adhesion, jointing and edge sealing of seams in the whole house.



# Tile Beauty Grout—RTV80



## Product Features:

1. The product contains no white oil and is water-proof, mildew-free, oil-free, stain-free, yellowing-free, UV-free, odor-free, and non-toxic.
2. The product has one component, high intensity, neutral curing at room temperature and very high displacement resistance.
3. The product has generalized high adhesivity to various construction materials, without corrosion or base coating.
4. The product is resistant to temperatures of  $-50^{\circ}\text{C}$  to  $150^{\circ}\text{C}$  and cannot be coated and adhered to silicone rubber resin.

## Main Usages:

1. The product is used for water-proof, mildew-proof edge sealing and beautifying of wash basin, toilet, shower room, bathroom, tile and floor.
2. The product is used for edge sealing and seam trimming of integrated cupboards, with stain resistance, fastness and scrubbing endurance.
3. The product is used for adhesion, jointing and edge sealing of seams in the whole house.

# Crystal MS Sealant—STP90



## Product Features:

The product is a one-component elastomer sealant/adhesive mainly constituted of high-polymer materials and imported resin. It can form flexible joints by polymerization reaction with water in air. The product has high adhesivity with most traditional materials, as well as high water tightness, aging resistance and severe weather resistance. It is free of solvent or moisture and is green and environment-friendly.

## Main Usages:

1. The product is used for water-proof, mildew-proof edge sealing and beautifying of wash basin, closetool, shower room, bathroom, tile and floor.
2. The product is especially applicable to adhesion of mirrors and will not erode bottom coating of the mirror. The mirror surface is non-discoloring or non-blackening.
3. It is used for adhesion, sealing and water tightness of fully-transparent crystal bricks.

# Acetic Silicone Sealant—ST793



## Product Features:

The product is a one-component elastomer sealant/adhesive mainly constituted of high-polymer materials and imported resin. It can form flexible joints by polymerization reaction with water in air. The product has high adhesivity with most traditional materials, as well as high water tightness, aging resistance and severe weather resistance. It is free of solvent or moisture and is green and environment-friendly.

## Main Usages:

1. The product is used for water-proof, mildew-proof edge sealing and beautifying of wash basin, closetool, shower room, bathroom, tile and floor.
2. The product is especially applicable to adhesion of mirrors and will not erode bottom coating of the mirror. The mirror surface is non-discoloring or non-blackening.
3. It is used for adhesion, sealing and water tightness of fully-transparent crystal bricks.

# Two-Component Silicone Sealant—DF82



190L



19L

## Product Features:

The product is a two-component silicone sealant with medium and high modulus, it has no bad odor, and has a high bonding and sealing and waterproof effect on aluminum and glass.

## Instructions:

Mix part A and Part B evenly till there is no color difference and no bubbles before using.

Mixing ratio: volume ratio: A: B =10:1, weight ratio: A: B =13:1.

## Attentions:

1. It is not recommended to seal the interface with a displacement of more than 15%
2. Before using this product, users must test compatibility and adhesive to ensure conformity of the product, and substrate with construction requirements.

# Two-Component Silicone Sealant—DF92



190L



19L

## Product Features:

The product is a two-component silicone sealant with medium and high modulus, it has no bad odor, and has a high bonding and sealing and waterproof effect on aluminum and glass.

## Instructions:

Mix part A and Part B evenly till there is no color difference and no bubbles before using.

Mixing ratio: volume ratio: A: B =10:1, weight ratio: A: B =13:1.

## Attentions:

1. It is not recommended to seal the interface with a displacement of more than 15%
2. Before using this product, users must test compatibility and adhesive to ensure conformity of the product, and substrate with construction requirements.

# Two-Component Silicone Sealant—DF95



190L



19L

## Product Features:

The product is a two-component silicone sealant with medium and high modulus, it has no bad odor, and has a high bonding and sealing and waterproof effect on aluminum and glass.

## Instructions:

Mix part A and Part B evenly till there is no color difference and no bubbles before using.

Mixing ratio: volume ratio: A: B =10:1, weight ratio: A: B =13:1.

## Attentions:

1. It is not recommended to seal the interface with a displacement of more than 15%
2. Before using this product, users must test compatibility and adhesive to ensure conformity of the product, and substrate with construction requirements.

# Two-Component Silicone Structural Adhesive— DJ960



190L



19L

## Product Features:

The product is a two-component silicone sealant with medium and high modulus, it has no bad odor, and has a high bonding and sealing and waterproof effect on aluminum and glass.

## Instructions:

Mix part A and Part B evenly till there is no color difference and no bubbles before using.

Mixing ratio: volume ratio: A: B =10:1, weight ratio: A: B =13:1.

## Attentions:

1. It is not recommended to seal the interface with a displacement of more than 15%
2. Before using this product, users must test compatibility and adhesive to ensure conformity of the product, and substrate with construction requirements.

# PU FOAM-GUN STYLE



## GUN PU FOAM 750ML

Manual one-component PU foam

Base: Polyurethane-prepolymer

Colour: Beige-yellow

Curing system: Moisture

Density : 21 - 25 kg/m<sup>3</sup>

Foam yield (TM 1003): 45 - 55 l (750 ml can)

Fire class: B3

Tack free time: 8 - 12 min.

Cutting time: < 60 min.

Temperature resistance of cured foam: -50° C to +90° C

Ambient temperature during use: +5° C to +30° C (Optimal at 20° C)

Can temperature during use: +5° C to +25° C (Optimal at 20° C)

Shear strength: > 55 kPa

Compression strength: > 35 kPa

Excellent adhesion to concrete, wood, masonry, stone, plasterwork, metals and most plastics, polystyrene, polyurethane foam, polyester, hard PVC, etc.

Shelf life, unopened in the original packing and vertically stored in a cool and dry area at +5° C to +30° C: 12 months



# PU FOAM-STRAW STYLE



## STRAW PU FOAM 750ML

Manual one-component PU foam

Base: Polyurethane-prepolymer

Colour: Beige-yellow

Curing system: Moisture

Density : 25 - 30 kg/m<sup>3</sup>

Foam yield (TM 1003): 35 - 45 l (750 ml can)

Fire class: B3

Tack free time: 8 - 12 min.

Cutting time: < 60 min.

Temperature resistance of cured foam: -50° C to +90° C

Ambient temperature during use: +5° C to +30° C (Optimal at 20° C)

Can temperature during use: +5° C to +25° C (Optimal at 20° C)

Shear strength: > 55 kPa

Compression strength: > 35 kPa

Excellent adhesion to concrete, wood, masonry, stone, plasterwork, metals and most plastics, polystyrene, polyurethane foam, polyester, hard PVC, etc.

Shelf life, unopened in the original packing and vertically stored in a cool and dry area at +5° C to +30° C: 12 months

# MS Liquid nail



Liquid nail 300mL

## Product Features:

- 1.Environmental protection, no solvent, no silicone oil, no pollution substrate, the surface can be painted.
- 2.High initial adsorption force for quick positioning.
- 3.Good aging resistance.

## Instructions:

MS-150 is a one-component moisture-curable silane-modified sealant with terminal silyl polyether as the main component. It has good sealing performance and flexibility, no corrosion to the adhesive substrate, no pollution, no pollution to the environment, and good adhesion with concrete, tile, metal and other substrates.

## Main Usages:

Mainly used for indoor pendant nail-free bonding, tile, rock plate joint sealing and other bonding sealing purposes.

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