



Siway Silicone Products Solutions

旋威硅酮胶系列产品解决方案



SHANGHAI SIWAY BUILDING MATERIAL CO.,LIMITED

上海旋威装饰材料有限公司

Catalog

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Company Profile

Shanghai Siway Building Materials Co., Limited was founded in 2005, we are large scale company which focus on the curtain wall construction, decoration products research and development. Main products are Structural silicone sealant, Neutral silicone sealant, Weatherproof silicone sealant, Stone silicone sealant, Two-component insulating glass silicone sealant, Polyurethane Insulating glass sealant, Fast-drying Epoxy stone adhesive, PU foam and other building material , which quality had reached the advanced level. All of our products comply with ISO 9001 Quality Management System and ISO 14001 Environmental Management System, and also meet Chinese national standard and ASTM standard. Our products not only won a good reputation in domestic, but also exported to Europe, North America, South America, southeast Asia, the Middle East and other regions.

Shanghai Siway Building Materials Co., Limited always supply the best products, best service and best reputation ,and we are willing to be your most trusted long-term partner.



Application



SV-628

Acetic Silicone Sealant

Description

It is one- component, moisture curing acetic silicone sealant. It cures fast to form a permanently flexible, waterproof and weather resistant silicone rubber.

Where to use

Widely used in construction, glass assembling and home decoration. SV-628 has good adhesion to most common building materials e.g. glass, ceramic, tile, wood and fiber glass.

Key Features

1. 100% silicone
2. Easy to apply
3. Excellent elasticity
4. Excellent adhesion to most common building materials
5. Outstanding weatherproofing capability

Certification

JC/T881-2001 20LM; GB/T14683-2003 20LM.

Color

clear, black, silvery gray, white, brown

Package

300ml in cartridge * 24 per box, 590ml in sausage * 20 per box

Technical data sheet

	Test standard	1000
Appearance	ISO 11600	Have no grain, no agglomerations
Extrudability , g/ml	ISO 8394	450
Tack Free Time , min	ASTM C 679	20
Density , g/cm ³	ISO 1183	1.0
Slump , mm	ISO 7390	0
Heat weight loss , %	ISO 10563	7
Ultimate Tensile Strength , MPa	ISO 8339	0.4
Ultimate Elongation , %	ISO 8339	150
Ultimate Shear Strength, MPa	ISO 4587	N/A

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Basic Appication

- 1.All kinds of glass curtain wall weatherproof seal
- 2.For metal (aluminum) curtain wall, enamel curtain wall weatherproof seal
- 3.Joint sealing of concrete and metal
- 4.Roof joint seal

Safety instructions

This product material that did not include product safety material safe use instructions. It must be noted:

Do not use sealant products in contact with the food, the cosmetics;

Not curing sealant cannot long time of contact with the skin;

If you accidentally make a sealant into eyes, must rinse immediately with plenty of water, then please doctor check;

Place the product on children do not touch the place.

Application



SV-666

General Use Neutral Sealant

Description

SV-666 neutral silicone sealant is a neutral curing glue single component, the modulus of the. It is specially designed for windows and doors caulking sealing general plastic doors and windows. It has good adhesion to glass and aluminum alloy, and has no corrosion.

Where to use

It is fit for multiple purpose sealing and bonding applications to form a silicone rubber adhering to adjacent substrates e.g. glass, ceramic, tile, wood and metal.

Key Features

1. 100% silicone
2. Easy to use
3. Waterproofing and weatherproofing
4. Primerless adhesion to most building materials
5. 12.5% movement capability

Certification

JC/T881-2001 12.5E; GB/T14683-2003 12.5E

Color

Black, White, Gray

Package

300ml in cartridge * 24 per box, 590ml in sausage * 20 per box

Technical data sheet

Test standard	Test project	Unit	value
Before curing——25°C, 50%R.H.			
GB13477	Flow, sagging or vertical flow	mm	0
GB13477	surface drying time (25°C, 50%R.H.)	min	30
GB13477	Operating time	min	20
	Curing time (25°C, 50%R.H.)	Day	7-14
Sealant curing speed and operating time will have different with different temperatures and temperature, high temperature and high humidity can make sealant curing speed faster, rather low temperature and low humidity are slower.			
21 days after curing——25°C, 50%R.H.			
GB13477	Durometer Hardness	Shore A	28
GB13477	The ultimate tensile strength	Mpa	0.7
	Temperature stability	°C	-50~+150
GB13477	Movement capability	%	12.5

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Use restrictions

Siway sv666 universal neutral silicone sealant is not applicable to structural assembly. In the following situations are not easy to use:

- △ all ooze a grease solvent, plasticizer, or materials, some unvulcanized or part of the vulcanized rubber and adhesive tape, etc.;
- △ dense airless parts (silicone sealant should be in the air moisture curing);
- △ submerged for a long time, at the age of underground moist environment;
- △ paint surface, may should paint film cracking or spalling caused by seal failure;

- Δ frost or wet surface;
- ΔThe surface of the will direct contact with food;
- Δ easily by mechanical wear and tear;

Safety instructions

This product material that did not include product safety material safe use instructions. It must be noted:

Do not use sealant products in contact with the food, the cosmetics;

Not curing sealant cannot long time of contact with the skin;

If you accidentally make a sealant into eyes, must rinse immediately with plenty of water, then please doctor check;

Place the product on children do not touch the place.

Application



SV-777 silicone sealant for stone

Description

SV-777 silicone sealant for stone, is an elastomer sealant in modulus, single. Waterproof joints need to be sensitive to natural stone, glass and metal building clean appearance panel for sealing design, it to the moisture in the air after curing in contact, the formation of elastic rubber sealing performance, durability, weather resistance, good combination with most building materials.

Key Features

1. 100% silicone
2. Minimized fluid migration
3. Low dirt pick up
4. Water & weatherproof
5. Primerless adhesion to most building materials
6. 25% movement capability

Basic Application

1. Stone curtain wall sealing
2. Engineering ceramic sealing
3. Stone and other materials such as glass, metal seam sealing
4. Other uses

Certification

25HM GB/T 23261-2009; ASTM C920-2011

Color

Black, White, Gray

Technical data sheet

Test standard	Test project	Unit	value
Before curing——25°C, 50%R.H.			
ASTM C 679	Flow, sagging or vertical flow	mm	0
	VOC	g/L	<80
GB13477	surface drying time (25°C, 50%R.H.)	min	30
	Curing time (25°C, 50%R.H.)	Day	7-14
<p>Sealant curing speed and operating time will have different with different temperatures and temperature, high temperature and high humidity can make sealant curing speed faster, rather low temperature and low humidity are slower.</p> <p>21 days after curing——25°C, 50%R.H.</p>			
GB13477	Durometer Hardness	Shore A	30
GB13477	The ultimate tensile strength	Mpa	0.7
	Temperature stability	°C	-50~+150
GB13477	Movement capability	%	25
ASTM C 1248	Pollution / oil, natural stone		No

Package

300ml in cartridge * 24 per box, 590ml in sausage *20 per box

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Use restrictions

Siway sv777 universal neutral silicone sealant is not applicable to structural assembly. In the following situations are not easy to use:

Δ all ooze a grease solvent, plasticizer, or materials, some unvulcanized or part of the vulcanized rubber and adhesive tape, etc.;

Δ dense airless parts (silicone sealant should be in the air moisture curing);

Δ submerged for a long time, at the age of underground moist environment;

Δ paint surface, may should paint film cracking or spalling caused by seal failure;

Δ frost or wet surface;

ΔThe surface of the will direct contact with food;

Δ easily by mechanical wear and tear;

Safety instructions

This product material that did not include product safety material safe use instructions. It must be noted:

Do not use sealant products in contact with the food, the cosmetics;

Not curing sealant cannot long time of contact with the skin;

If you accidentally make a sealant into eyes, must rinse immediately with plenty of water, then please doctor check;

Place the product on children do not touch the place.

Application



SV-888

Weatherproof Silicone Sealant

Description

SV-888 silicone weatherproof sealant is one component, neutral cure silicone sealant, designed for glass curtain wall, aluminum curtain wall and building exterior design, has excellent weathering properties, it can form durable and most building materials, waterproof and flexible interface.

Key Features

1. 100% silicone
2. Medium modulus (25% movement capability)
3. UV resistance & weatherproof
4. Primerless adhesion to most building materials

Basic Application

1. All kinds of glass curtain wall weatherproof seal
2. For metal (aluminum) curtain wall, enamel curtain wall weatherproof seal
3. Joint sealing of concrete and metal
4. Roof joint seal

Certification

GB/T 22083-G-35; ASTM C920

Color

Black, White, Gray

Package

300ml in cartridge * 24 per box, 590ml in sausage * 20 per box

Technical data sheet

Test standard	Test project	Unit	value
Before curing——25°C, 50%R.H.			
GB13477	Flow, sagging or vertical flow	mm	0
GB13477	Operating time	min	10
GB13477	surface drying time (25°C, 50%R.H.)	min	20
	Deep curing	mm/day	1-2
Sealant curing speed and operating time will have different with different temperatures and temperature, high temperature and high humidity can make sealant curing speed faster, rather low temperature and low humidity are slower. 21 days after curing——25°C, 50%R.H.			
GB13477	Durometer Hardness	Shore A	28
GB13477	The ultimate tensile strength	Mpa	0.65
	Temperature stability	°C	-50~+150
GB13477	Movement capability	%	25

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Use restrictions

Siway SV-888 used in weatherproof silicone sealant is not applicable to structural assembly. In the following situations is unfavorable also use:

Δ all ooze a grease solvent, plasticizer, or materials, some unvulcanized or part of the vulcanized rubber and adhesive tape, etc.;

Δ dense airless parts (silicone sealant should be in the air moisture curing);

Δ submerged for a long time, at the age of underground moist environment;

- Δ paint surface, may be caused by film cracking or spalling seal failure;
- Δ frost or wet surface;
- Δ The surface of the will direct contact with food;
- Δ easily by mechanical wear and tear;
- Δ fire prevention sealing system;
- Δ material surface temperature below 5 °C or more than 40 °C unfavorable construction.

Safety instructions

This product material that did not include product safety material safe use instructions. It must be noted:

Do not use sealant products in contact with the food, the cosmetics;

Not curing sealant cannot long time of contact with the skin;

If you accidentally make a sealant into eyes, must rinse immediately with plenty of water, then please doctor check;

Place the product on children do not touch the place.

Application



SV - 995 Structure Silicone Sealant

Description

SV - 995 neutral silicone sealant structure is a kind of one-component, construction curtain wall structure of room temperature curing glue, can be used in all kinds of curtain wall joints and waterproof seal, also can be used for all kinds of aluminum alloy, glass doors and Windows seal assembly

Where to use

1. Curtain wall joints and waterproof seal
2. Aluminum alloy, glass doors and Windows seal assembly

Key Features

1. 100% silicone
2. Easy to use
3. Waterproofing and weatherproofing
4. Fast curing speed, high strength
5. 12.5% movement capability

Certification

JC/T881-2001 12.5E; GB/T14683-2003 12.5E

Color

Black, White, Gray

Package

300ml in cartridge * 24 per box, 590ml in sausage * 20 per box

Technical data sheet

Test standard	Test project	Unit	value
Before curing——25°C, 50%R.H.			
GB13477	Flow, sagging or vertical flow	mm	0
GB13477	surface drying time (25°C, 50%R.H.)	min	30
GB13477	Operating time	min	20
	Curing time (25°C, 50%R.H.)	Day	7-14
<p>Sealant curing speed and operating time will have different with different temperatures and temperature, high temperature and high humidity can make sealant curing speed faster, rather low temperature and low humidity are slower.</p> <p>21 days after curing——25°C, 50%R.H.</p>			
GB13477	Durometer Hardness	Shore A	40
GB13477	The ultimate tensile strength	Mpa	0.8
GB13477	Movement capability	%	12.5

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Application



SV-999 Structural Glazing Silicone Sealant

Description

SV - 999 silicone structural sealant is a one-component, neutral curing, designed for glass curtain wall, aluminum curtain wall, glass daylighting roof and metal structural engineering structural assembly silicone sealant. Show the effective physical properties and bonding performance

Key Features

1. 100% silicone
2. No sag
3. Strong bonding strength
4. Water & weatherproof
5. Primerless adhesion to most building materials

Basic Application

1. Glass curtain wall, aluminum curtain wall structure adhesive seal
2. Glass daylighting roof, metal structure engineering

Certification

GB 16776; ASTM C1184

Color

Black

Package

300ml in cartridge * 24 per box, 590ml in sausage *20 per box



Technical data sheet

Test standard	Test project	Unit	value
Before curing——25°C, 50%R.H.			
	specific gravity	g/ml	1.40
GB13477	Flow, sagging or vertical flow	mm	0
GB13477	Operating time	min	15
GB13477	surface drying time (25°C, 50%R.H.)	min	40-60
<p>Sealant curing speed and operating time will have different with different temperatures and temperature, high temperature and high humidity can make sealant curing speed faster, rather low temperature and low humidity are slower.</p> <p>21 days after curing——25°C, 50%R.H.</p>			
GB13477	Durometer Hardness	Shore A	40
	The ultimate tensile strength	Mpa	1.3
GB13477	Tensile strength (23°C)	Mpa	0.8
GB13477	Tensile strength (90°C)	Mpa	0.5
GB13477	Tensile strength (-30°C)	Mpa	0.9
GB13477	Tensile strength (flooding)	Mpa	0.6
GB13477	Tensile strength (flooding - ultraviolet)	Mpa	0.6

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Use restrictions

Siway SV999 building structural silicone sealant is suitable for the structural assembly.

In the following situations is unfavorable also use:

Δ all ooze a grease solvent, plasticizer, or materials, some unvulcanized or part of the vulcanized rubber and adhesive tape, etc.;

Δ dense airless parts (silicone sealant should be in the air moisture curing);

Δ submerged for a long time, at the age of underground moist environment;

Δ paint surface, may be caused by film cracking or spalling seal failure;

Δ frost or wet surface;

The surface of the Δ will direct contact with food;

Δ easily by mechanical wear and tear;

Δ fire sealing system.

Safety instructions

Data in this product specification does not include the safe use requirements for product safety information. It must be noted:

Do not use sealant products in contact with the food, the cosmetics;

Not curing sealant cannot long time of contact with the skin;

If you accidentally make a sealant into eyes, must rinse immediately with plenty of water, then please doctor check;

Place the product on children do not touch the place.

Structural interface design

The typical structure of silicone sealant application interface design, the basic design principles include:

Width (only consider wind load) = [the side length (mm) x design wind pressure value (KPa)] / [2 x 200 (KPa)];

Depth (mm) ≥ curtain wall glass relative displacement (mm) / [deformation ability of structural adhesive glue (2 + structure displacement ability)]^{1/2};

Structural adhesive width ≥ 6 mm, or structural adhesive depth ≥ 6 mm, or structural adhesive width or depth of the structural adhesive;

Structural adhesive width and depth ratio must be between 1:1 to 3:1.

Silicone sealant structure used to support the permanent shear load, the intensity of the permanent load design value of 6.9 Kpa.

The construction of the Surface cleaning

Remove all parts retained on interfaces and assembly sag of grease, dirt, moisture, travel-weary sealant, such as surface smudginess, fittings and protective coating and other impurities and contaminants.

Glass, metal, must be based on the two cloth cleaning cleaning with solvent, the selected solvent for methyl ethyl ketone, toluene and xylene, when using the organic solvent shall comply with the special attention.

Application

SV-8800 Silicone Sealant for Insulating Glass

Description

SV-8800 is two components, high modulus; neutral curing silicone sealant specifically developed for assembly of high performance insulated glass units as secondary sealing material.

Where to use

It is a two-component silicone that offers variable work life with high bonding strength to maintain the integrity of insulating glass unit, suits both commercial and residential IGU.

Key Features

1. High Modulus
2. UV resistance
3. Low vapor and gas transmission
4. Primerless adhesion to coated glass
5. 100% compatible to SV-8890

Certification

GB-24266-2009

Color

Component A(Base) - White, Component B(Catalyst)- Black

Package

1. Component A(Base): (190L), Component B(Catalyst) (18.5L)
2. Component A(Base):24.5kg (18L), Component B(Catalyst): 1.9kg (1.8L)



Technical data sheet

Test standard	Test project	Unit	value
Before curing——25°C, 50%R.H.			
GB13477	Specific gravity(After mixing)		1.33
GB13477	Operating time	min	20-40
GB13477	surface drying time (25°C, 50%R.H.)	min	80-188
corrosivity			No
7 days after curing——25°C, 50%R.H.			
GB/T 531	Durometer Hardness	Shore A	40
GB13477	The tensile modulus at 12.5% elongation	Mpa	0.18
	The ultimate tensile strength	Mpa	0.92
GB13477	Elongation limit (fracture)	%	150

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Use restrictions

SV8800 product can not be used in structural wall assembly.

All materials used in engineering are successful by sticky relay and compatibility test

SV8800 do not contact with any acidic sealant

This product is not tested does not apply to medical USES.

Application



SV-8890 Two-component Silicone Structural Glazing Sealant

Description

SV8890 is neutral curing, designed for glass, stone, marble, granite, aluminum curtain wall and glass daylighting roof and metal structural engineering structural adhesive seal designed silicone sealant structure, excellent bonding performance of structure and the weathering resistance, after artificial

Key Features

1. None sag
2. Adjustable working time
3. Excellent adhesion to most building substrates
4. High bonding strength and modulus
5. 12.5% movement capability

Basic Application

1. Glass, stone, marble, granite, aluminum curtain wall and glass daylighting roof and metal structural engineering structural adhesive seal;
2. Insulating Glass of the second seal
3. Many other building and industrial applications

Certification

GB 16776

Color

Component A(Base) - White, Component B(Catalyst)- Black

Technical data sheet

Test project	Unit	value
Flow, sagging or vertical flow	mm	0
Operating time	min	20
surface drying time (25°C, 50%R.H.)	min	40-60
Durometer Hardness	Shore A	20-60
At 23 °C maximum tensile strength	%	≥100
Tensile strength (23°C)	Mpa	0.9
Tensile strength (90°C)	Mpa	0.68
Tensile strength (-30°C)	Mpa	0.68
Tensile strength (flooding)	Mpa	0.68
Tensile strength (flooding - ultraviolet)	Mpa	0.68
Bond damage area	%	5
Thermal aging (thermal weight loss)	%	≤5
Thermal aging (crack)		No
Thermal aging (efflorescence)		No

Package

1. Component A(Base): (190L), Component B(Catalyst) (18.5L)
2. Component A(Base):24.5kg (18L), Component B(Catalyst): 1.9kg (1.8L)

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

The construction application

In order to achieve the best physical properties SV8000 silicone sealant structure should be the main agent and curing agent with airtight hybrid system. SV8000 applies to general a two-component silicone rubber mixing machine on the market. Whatever mixing by hand or with a hand mixer will not bring a satisfactory effect, that is because mixture once joined the air would make its original nature changed.

SV8000 silicone structural sealant without lot number.

SV8000 silicone sealant structure of curing agent must first stir before use to avoid in the process of transportation may produce precipitation phenomenon.

Due to the curing agent could react with moisture from the atmosphere, not exposed to the air for a long time. JS8000 silicone sealant structure of main agent and curing agent in the weight ratio of 12:1 (volume ratio of 9.1 :1). The user can change itself

Total combined ratio than 10:1 ~ 14:1 (volume ratio of 7.6:1 ~ 10.6:1) adjusting coagulation time. Within the scope of the mixture of sealant, its original characteristics there will be no significant change. But if the humidity of the air or omit, will influence the period of testing time and the time required to form a bond.

To get the right mix ratio, please contact zhijiang or mixing machine manufacturer.

Must be used immediately after turning sealant tool to press it gently into the interface and finishing, to ensure that it can completely within the bonding at the interface on the surface, resulting in better effect. Before shutdown, please only use the main agent into the mixer and the conveying pipe, and using the main agent to wash it. This will prevent sealant cause blockage in the internal curing.

To learn more about SV8000 silicone structural sealant of detailed information, Please contact local zhijiang company representative or designated agent. Our lab and technical staff ready to provide assistance.

Application



SV-8000 PU Sealant for Insulating Glass

Description

SV - 8000 two-component polyurethane insulating glass sealant is a neutral cure, mainly used for the insulating glass of the second seal. Product formulation to use its performance with high modulus, high strength, to meet the requirements of insulating glass assembly.

Where to use

It is a two-component PU sealant that offers variable work life with high bonding strength to maintain the integrity of insulating glass unit, suits both commercial and residential IGU.

Key Features

1. High Modulus
2. UV resistance
3. Low vapor and gas transmission
4. Primerless adhesion to coated glass

Certification

GB-24266-2009;

Color

Component A(Base) - White, Component B(Catalyst)- Black

Package

1. Component A(Base): (190L), Component B(Catalyst) (18.5L)
2. Component A(Base):24.5kg (18L), Component B(Catalyst): 1.9kg (1.8L)

Technical data sheet

Test project	standards	Value
Sagging degree (mm)	≤ 3	0
Operating time	≥ 30	30
Thermal weight loss(%)	≤ 10	2
Durometer Hardness Shore A	20-80	42
tensile properties (MPA)	> 0.4	1.0
Bond damage area (5%)	≤ 5	0

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Use restrictions

SV-8000 products will be used in structural wall assembly.

All materials used in engineering are successful by sticky relay and compatibility test

SV-8000 do not contact with any acidic sealant

This product is not tested does not apply to medical USES.

The construction application

In order to achieve the best physical properties SV-8000 should be the main agent and curing agent with airtight hybrid system. SV-8000 applies to general a two-component silicone rubber mixing machine on the market. Whatever mixing by hand or with a hand mixer will not bring a satisfactory effect, that is because mixture once joined the air would make its original nature changed.

PU SV-8000 insulating glass sealant without lot number.

SV-8000 PU insulating glass sealant curing agent before use must first stir in order to avoid in the process of transportation may produce precipitation phenomenon.

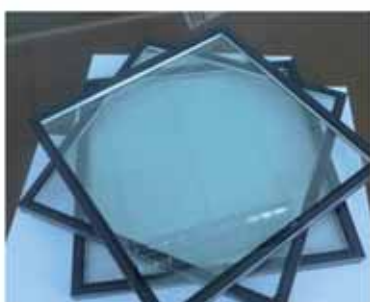
Due to the curing agent could react with moisture from the atmosphere, not exposed to the air for a long time. SV-8000 product main agent and curing agent ratio of the weight of the now. The user can change the mix ratio weight ratio of 10:1 to 14:1 (volume ratio by 7.5 ~ 10.5:1), regulate the coagulation time. Within the scope of the mixture of sealant, its original characteristics there will be no significant change. But if the humidity of the air or omit, will influence the period of testing time and the time required to form a bond.

To get the right mix ratio, please contact Siway or mixing machine manufacturer.

Must be used immediately after turning sealant tool to press it gently into the interface and finishing, to ensure that it can completely within the bonding at the interface on the surface, resulting in better effect. Before shutdown, please only use the main agent into the mixer and the conveying pipe, and using the main agent to wash it. This will prevent sealant cause blockage in the internal curing.

To learn more about SV-8000 products of detailed information, please contact the local representative or designated agents. Our lab and technical staff ready to provide assistance.

Application



SIWAY

SV-201 Butyl Sealant for Insulating Glass Primary Seal

Description

SV201 is a one part, solvent free , fog free, unsulfurized, permanent plastic first sealant based on polyisobutyl for insulating glass.SV201 keeps plastic and sealing over a wide temperature range and not crack and harden for sealant surface. It has good adhesion to glass, aluminum alloy, zinc plating steel, stainless steel and ect. It could form an excellent humid proof system with elastic sealant.

Where to use

SV201 is mainly used for insulating glass together with SV8800 two part insulating glass silicone sealant and SV8890 two part silicone structural sealant for insulating glass to finish two layer seal.

Color

Black

Package

This product should be packed by paper container

Packing 1: 7kg/barrel

Packing2: 6kg/barrel

Packing 3: 3kg/barrel

Packing 4: 200kg/barrel

Technical data sheet

item	Test result
color	black
Specific gravity	1.20~1.30 g/cm ³
Solid content	100%
Temperature resistant range	-40°C ~ 130°C
Maximum temperature bearable	160°C
Working temperature range	-20°C~80°C
Shear strength	0.13Mpa
Water vapor transmission rate	0.90g/m ² .d
Thermal weight loss	0.1%

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Application



SIWAY

SV-119 Fire Resistant Silicone Sealant

Description

SV – 119 Fire resistant silicone sealant is a one-component, neutral-curing silicone sealant exhibiting superior performance in applications where sealing openings in walls and floors are needed to control the spread of fire, smoke, toxic gasses, and water during fire conditions.

Where to use

It is an ideal material designed for use in fire-stop systems for through penetrations and joints. This product excels in applications where greater water resistance is required e.g. curtain wall, building facade, expansion/pipe and cable joints.

Key Features

1. 100% silicone
2. Excellent weatherproofing and waterproofing
3. Low gas transmission rate
4. With highly efficient redundant

Basic Application

1. Building fire seam sealed
2. Building facade
3. cable joints

Certification

GB/T 24267-2009

Color

Black

Technical data sheet

Test standard	Test project	Unit	value
Before curing——25°C, 50%R.H.			
GB13477	Flow, sagging or vertical flow	mm	0
GB13477	Operating time	min	15
GB13477	surface drying time (25°C, 50%R.H.)	min	40-60
<p>Sealant curing speed and operating time will have different with different temperatures and temperature, high temperature and high humidity can make sealant curing speed faster, rather low temperature and low humidity are slower.</p> <p>21 days after curing——25°C, 50%R.H.</p>			
GB/T 531.1-2008	Durometer Hardness	Shore A	20-60
GB13477	60% elongation of cementation		no damaging
GB13477	Elongation limit	%	120
GB/T 24267	Sealant level		20HM
GB/T 24267	Fire prevention level		FV-0

Package

300ml in cartridge * 24 per box

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Use restrictions

SV-119 Fire Resistant Silicone Sealant is not applicable to structural assembly. In the following situations are not easy to use:

- 1, all ooze a grease solvent, plasticizer, or materials, some unvulcanized or part of the vulcanized rubber and adhesive tape, etc.;
- 2, no ventilation parts (silicone sealant should be in the air moisture curing);
- 3, long-term immersion, at the age of underground moist environment;
- 4, paint surface, may should paint film cracking or spalling caused by seal failure;
- 5, frost or wet surface;
- 6, the surface of the direct contact with food;
- 7, easy to place by mechanical wear.

Safety instructions

This product material that did not include product safety material safe use instructions. It must be noted:

1. Do not use sealant products in contact with the food, the cosmetics;
2. No curing sealant cannot long time of contact with the skin;
3. If you accidentally make a sealant into eyes, should rinse immediately with plenty of water, and then send for a doctor check;
4. Place the product on children do not touch the place.

Application



SiWAY

SV High performance mildew silicone sealant

Description

Siway high-performance mildew silicone sealant is a one-component, neutral curing, designed for decoration in the need to provide good anti-mildew performance of the occasion designed by environmental protection products. This product can be easily extruded under wide temperature conditions, relying on moisture in the air to cure into excellent, durable elastic silicone rubber, and most of the building materials in the case without primer can produce superior Of the bondability.

Key Features

1. 100% silicone
2. Easy to use
3. Waterproofing and weatherproofing
4. Primerless adhesion to most building materials
5. 12.5% movement capability

Certification

JC/T881-2001

Color

Black, White, Gray

Package

300ml in cartridge * 24 per box, 590ml in sausage *20 per box

Technical data sheet

Test standard	Test project	Unit	value
Before curing——25°C, 50%R.H.			
GB13477	density	g/m ³	1.40±0.05
GB2793	Non-volatile components	%	99.5
GB13477	Flow, sagging or vertical flow	mm	0
GB13477	surface drying time (25°C, 50%R.H.)	min	45-60
	Curing speed	mm/24h	3
Sealant curing speed and operating time will have different with different temperatures and temperature, high temperature and high humidity can make sealant curing speed faster, rather low temperature and low humidity are slower. 14days after curing——25°C, 50%R.H.			
GB13477	Durometer Hardness	Shore A	22-28
GB13477	The ultimate tensile strength	Mpa	1.0
GB13477	elongation at break	%	550

Shelf life

12 months.

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Use restrictions

High-performance mouldproof Siway neutral silicone sealant is not suitable for structural assembly, in the following situations is unfavorable also use:

- all permeability oil solvent, plasticizer or materials, some unvulcanized or part of the vulcanized rubber and adhesive tape, etc.;
- no ventilation parts (silicone glue need a moisture curing) in the air.

- copper and brass products;
- long-term immersion or frost, at the age of the damp environment;
- aquarium glass assembly;
- direct contact with food;
- paint surface, may create a seal because of the paint film cracking or spalling failure;
- the construction base material surface temperature below 4 °C or more than 40 °C.

Safety guidelines:

The product description does not contain information safe use requirements for product safety information. It must be noted:

- do not use sealant products in contact with the food, the cosmetics;
- not curing sealant is in contact with the skin for a long time, if not careful sealant into eyes, rinse immediately with plenty of water and seek immediate;
- product shall be placed in out of the reach of children.

Application



SiWAY

SV-668 Aquarium Silicone Sealant

Description

SV-668 Aquarium silicone sealant is a neutral curing glue single component, the modulus of the. It is specially designed for aquarium adhesive sealing. It has good adhesion to glass and aluminum alloy, and has no corrosion.

Where to use

1. The installation of large aquarium adhesive sealing
2. Repair aquarium
3. Glass assembly

Key Features

1. Fast curing, good adhesion
2. Excellent high and low temperature resistance
3. Clear color, customized color

Certification

JC/T881-2001 12.5E; GB/T14683-2003 12.5E

Color

Black, White, Gray

Package

300ml in cartridge * 24 per box

Technical data sheet

Item		Standard	Result
Sag degree	Upright(mm)	≤ 3	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤ 3	0.13
Extrude, ml/min		≥ 80	239
Tensile Strength(M pa) at 23°C		> 0.4	0.58
Adhesion properties		No destroy	No destroy

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Application



SV-800

General purpose MS Sealant

Description

General purpose and low modulus MSALL sealant is a high quality, single component, paintable, anti-polluting neutral modified sealant based on silane-modified polyether polymers. The product does not contain solvents, no pollution to the environment, while most of the building materials, without primer, can produce superior adhesion.

Key Features

- 1) environmental protection products: no solvent, no PVC, no isocyanate, non-toxic, tasteless, non-polluting, fast curing;
- 2) surface coating: compatible with most industrial paint, dry surface can be painted, so does not affect the curing speed;
- 3) easy to use: excellent thixotropy and extrusion, for a wide temperature range.
- 4) good adhesion: the stone, aluminum, ceramics and cement components, and most of the building materials with excellent adhesion properties; no pollution of the porous material.
- 5) excellent weather resistance, aging performance, superior tensile and compression resilience;
- 6) neutral curing, stone, cement and other non-corrosive building materials, to overcome the common silicone rubber easy to contaminate the shortcomings of the substrate.

Color

Black, White, Gray

Package

300ml plastic cartridges

Technical data sheet

Test standard	Test project	Unit	value
Before curing——25°C, 50%R.H.			
GB13477	density	g/m ³	1.40±0.05
GB2793	Non-volatile components	%	99.5
GB13477	Flow, sagging or vertical flow	mm	0
GB13477	surface drying time (25°C, 50%R.H.)	min	45-60
	Curing speed	mm/24h	3
<p>Sealant curing speed and operating time will have different with different temperatures and temperature, high temperature and high humidity can make sealant curing speed faster, rather low temperature and low humidity are slower.</p> <p>14days after curing——25°C, 50%R.H.</p>			
GB13477	Durometer Hardness	Shore A	22-28
GB13477	The ultimate tensile strength	Mpa	1.0
GB13477	elongation at break	%	550

Basic use

General purpose and low modulus MSALL sealant Suitable for use:

- [1] construction of housing and other areas of bonding and sealing;
- [2] fixed panel, frame, window sill installation, suitable for a variety of building materials such as paint metal, glass, wood, concrete, stone, masonry and other ordinary seal;
- [3] seam and ceiling seal;
- [4] water pipes, roof gutter and other seals;
- [5] activity room, container seal;
- [6] interior decoration seal;
- [7] mildew - suitable for kitchen and toilet applications;
- (8) the floor system of bonding, especially for housing renovation when the laying of tiles;
- [9] on the porous material or smooth, moist surface has a strong adhesive force.
- [10] Please note: MSALL sealant is not suitable for glass inlay use; for the prefabricated concrete displacement joint seal recommended supporting the use of Jiang special primer.

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Health and safety guidelines

Don't will not curing sealant products in contact with the food, the cosmetics;

Not curing sealant not in contact with the skin for a long time;

If the sealant accidentally enter the eyes, must rinse immediately with plenty of water, and then send for a doctor check;

Place the product on children do not touch the place.

Application



SiWAY

SV-900 Industrial MS polymer silicone sealant

Description

It is one component, primer less, can be painted, high quality joint sealant based on MS polymer technology, ideal for all sealing and bonding on all materials. It is solvent free, environmental protection product.

Where to use

Sealing and bonding in housing area, bus, train, elevator, air conditioner, ventilation equipment. Used for installing fixed panel frame, windowsill threshold, and suitable for sealing on all materials surface, like painted metal, glass, wood, concrete, marble, natural stone, granite, bricks, mirrors, aluminum, steel, lead, zinc, common plastics, polystyrene, polyurethane and so on. Sealing the joint of ceiling, timber, gaps of water pipe, gutter on roofs, moved rooms, container, marine. Apply for interior and exterior family decoration, like floor adhesive systems, particular for laying floor tiles, suitable for kitchen, bathroom.

Key Features

1. Paint able
2. Sealing most materials
3. Excellent adhesion

Color

Black, White, Gray

Package

300ml plastic cartridges

Technical data sheet

Test standard	Test project	Unit	value
Before curing——25°C, 50%R.H.			
GB13477	density	g/m ³	1.40±0.05
GB2793	Non-volatile components	%	99.5
GB13477	Flow, sagging or vertical flow	mm	0
GB13477	surface drying time (25°C, 50%R.H.)	min	30
	Curing speed	mm/24h	3
<p>Sealant curing speed and operating time will have different with different temperatures and temperature, high temperature and high humidity can make sealant curing speed faster, rather low temperature and low humidity are slower.</p> <p>14days after curing——25°C, 50%R.H.</p>			
GB13477	Durometer Hardness	Shore A	32-38
GB13477	The ultimate tensile strength	Mpa	2.5
GB13477	elongation at break	%	400

Basic use

Industrial MS polymer sealant Suitable for use:

- [1] construction of housing and other areas of bonding and sealing;
- [2] fixed panel, frame, window sill installation, suitable for a variety of building materials such as paint metal, glass, wood, concrete, stone, masonry and other ordinary seal;
- [3] seam and ceiling seal;
- [4] water pipes, roof gutter and other seals;
- [5] activity room, container seal;
- [6] interior decoration seal;
- [7] mildew - suitable for kitchen and toilet applications;
- (8) the floor system of bonding, especially for housing renovation when the laying of tiles;
- [9] on the porous material or smooth, moist surface has a strong adhesive force.
- [10] Please note: MSALL sealant is not suitable for glass inlay use; for the prefabricated concrete displacement joint seal recommended supporting the use of Jiang special primer.

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Health and safety guidelines

Don't will not curing sealant products in contact with the food, the cosmetics;

Not curing sealant not in contact with the skin for a long time;

If the sealant accidentally enter the eyes, must rinse immediately with plenty of water, and then send for a doctor check;

Place the product on children do not touch the place.

Application



Siway two component strength-based ceramic tile sealant

Description

Siway two component strength-based ceramic tile sealant is an upgraded version of epoxy common beauty gap sealant, excellent toughness and impact resistance, surface brightness, such as porcelain, efficient, durable antibacterial mouldproof, waterproof sealing, 100% do not flow, construction simple, harmful index is far lower than the standard "GB18583-2008" interior decoration, etc. Is widely used in high-grade kitchen, sanitary ware, high-grade family is decorated in joint seal and hotel decoration,, without excitant or unpleasant smell, in use process to bring you new construction concept and aesthetic effect.

Note: the position of construction

- 1, metope and floor, metope and mesa, and side beams and floor juncture
- 2, square face plate around the seams with mesa
- Around 3, round face and mesa juncture, circular beams and floor juncture
- 4, around the toilet clean and floor juncture
- 5, wooden door and floor juncture
- In 6, the tub edge or metope seams with mesa

Application

1, window, furniture and so on, all kinds of counter aperture, cabinets, all kinds of edges, kitchen toilet all kinds of edges, can also be used to paste all kinds of hard materials.
In 2, the guesthouse, hotel, family bath crock, implement, sink, shower room and xiancai basins of installation, waterproof, plugging and other kitchen ware and decorative processing.

Method of use

- 1, clean the construction surface, remove dirt, oil and other impurities, then along the hem the ceramic tile with crepe paper.
- 2, mount rubber mouth, combined with glue gun, glue mouth mouth before the glue to glue on the glue, the glue liquid located in cement mix, edging out front a small amount of adhesive solution, in order to avoid mixed uneven, lead to not curable, and then into the ceramic tile aperture.
- 3, scrape to evenness with blade, slight trim the edges.
- 4, this product operation time 30 minutes, 4-6 hours at 25 °C room temperature curing, 24 hours of maximum intensity.

Matters needing attention

- 1, if the hose has not used up at a time, remove the mixing tube, cover up the lid, in order to continue to use the next time.
- 2, the winter temperature is low, the epoxy seam an agent will be thick, before use, need to heat, so that the construction is convenient

Packaging and storage

Packing for single needle, can also according to customer requirements packaging.

Shelf life

12 months

Application



SV-101 Acrylic Silicone Sealant

Description

SV101 Water-proof Acrylic Sealant is a one-component environmental friendly sealant. It has good waterproof ability, waterproof ability and multipurpose use. It has good flexibility, adhesion and is paintable.

Application

1. Suitable for all kinds of kitchen, sanitary installation and mildew waterproof seal.
2. Applicable to all types window and door of glazing, weather seal.
3. Applicable to Glass, marble, aluminum and other building waterproof seal.

Key Features

1. Can be painted
 2. cracks within 0.2mm, without repair, direct brush can be waterproof
- High and low temperature resistant performance, remain performance

Color

Black, White, Gray

Package

300ml in cartridge * 24 per box

Technical data sheet

Item		Standard	Result
Sag degree	Upright(mm)	≤ 3	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤ 3	0.5
Extrude , ml/min		≥ 80	163
Tensile	23℃	>0.4 or >0.6	0.64
Strength(Mpa)	-20℃		-
Adhesion properties		No destroy	No destroy

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Application



SiWAY

Siway 302 PU FOAM

Description

This product is the expansion, moisture curing, has the strong cohesiveness, elastic foam obturator structure; Save work to save time, reduce waste; High bond strength; Bubble can stick in the concrete, wood, metal, plastic, such as base material surface, but not including teflon, silicon resins;

Key Features

1. Noise silencing effect
2. Strong bonding strength
3. Water & weatherproof
4. Primerless adhesion to most building materials

Basic Application

1. Doors and Windows and wall body between the gap filling sealing, fixed bond
2. Language lab, studio, etc when decorating, gap to fill

Certification

JC 936-2004

Color

White

Package

750ml in Bottle * 12 per box

Technical data sheet

Test standard	Test project	Unit	value
Before curing——25°C, 50%R.H.			
GB13477	Flow, sagging or vertical flow	mm	0
GB13477	surface drying time (25°C, 50%R.H.)	min	60
GB13477	Extrusion	(ml/min)	355
<p>Sealant curing speed and operating time will have different with different temperatures and temperature, high temperature and high humidity can make sealant curing speed faster, rather low temperature and low humidity are slower.</p> <p>21 days after curing——25°C, 50%R.H.</p>			
GB13477	The ultimate tensile strength	Mpa	0.9
GB13477	Movement capability	%	12.5
	Mildew grade	0 grade	0 grade

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.

Application



SiWAY

Siway 304 PU FOAM

Description

MG PU FOAM is the expansion, moisture curing, has the strong cohesiveness, elastic foam obturator structure; Save work to save time, reduce waste; High bond strength; Bubble can stick in the concrete, wood, metal, plastic, such as base material surface, but not including teflon, silicon resins;

Key Features

1. Noise silencing effect
2. Strong bonding strength
3. Water & weatherproof
4. Primerless adhesion to most building materials

Basic Application

1. Doors and Windows and wall body between the gap filling sealing, fixed bond
2. Language lab, studio, etc when decorating, gap to fill

Certification

JC 936-2004

Color

White

Package

750ml in Bottle * 12 per box

Technical data sheet

Project			Value
Density, Kg/m ³ , Not less			10
Thermal conductivity, 35°C, W/(m·K) no more than			0.050
Dimensional stability (23±2) °C, 48, h no more than			5
Operating temperature			-10~+35°C
Optimum operating temperature			+18~+25°C
Temperature range (After curing)			-35~+80°C
Tensile bond strength kPa Not less	Aluminum plate	Standard condition, 7d	80
		Immersion, 7d	60
	PVC plate	Standard condition,7d	80
		Immersion, 7d	60
	Cement Plate	Standard condition, 7d	60
Shear strength, kpa, Not less			80
Foam expansion ratio, Not less			Standard value-10

Shelf life

12 months

Note

If you want the TDS or MSDS or other details, please contact with our sales person.



Zhejiang Wan ke

Jiangsu Zhenjiang

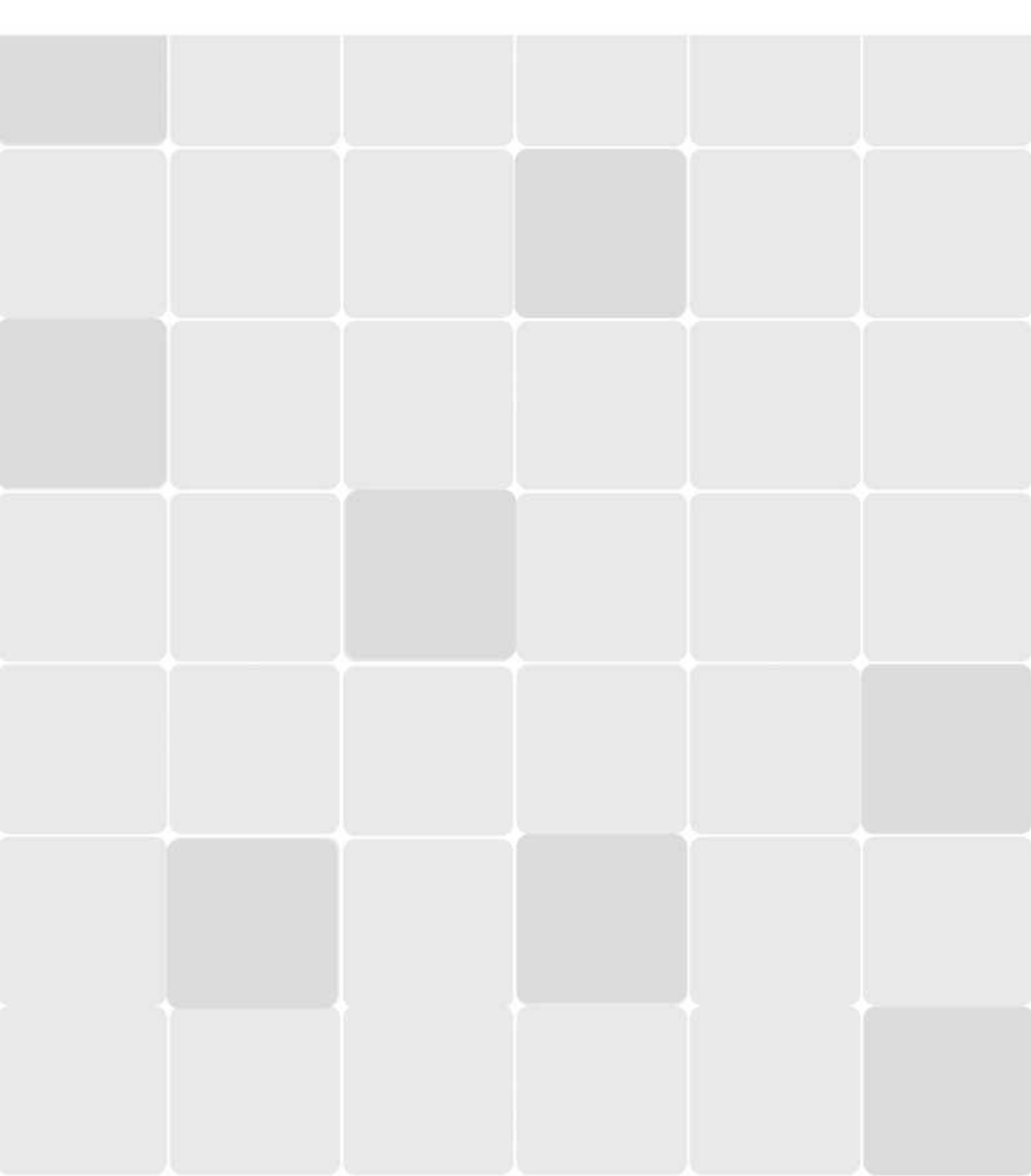




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SHANGHAI SIWAY BUILDING MATERIAL CO., LIMITED

