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New world, New leader,
New face!

KCC Silicone SEALANT

In reply to the call of various industries, KCC has diversified its production of sealant product. As a result, we are now the only company that is able to supply virtually all kinds of sealants.



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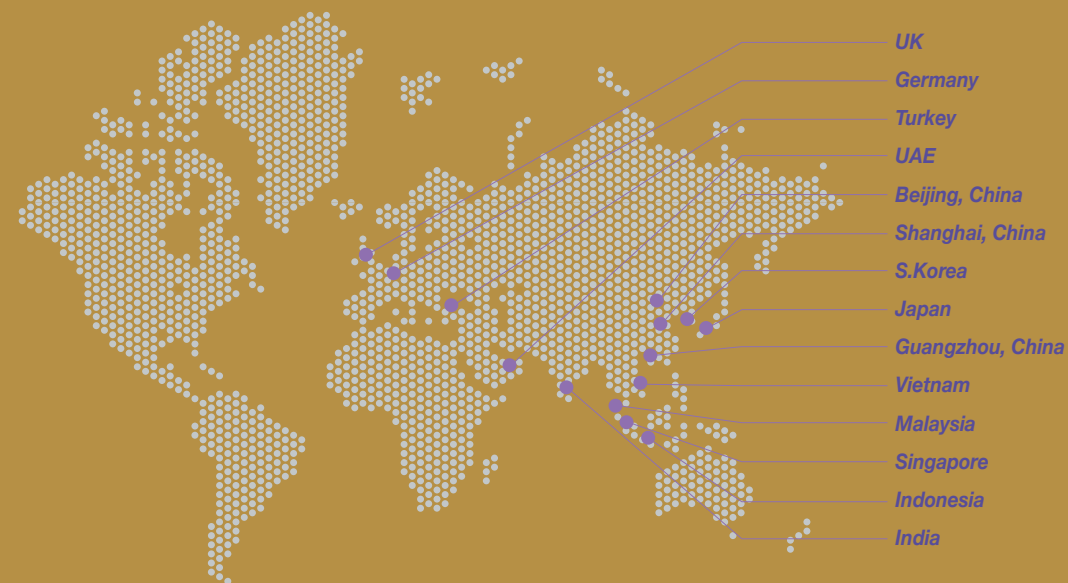


About KCC

A precision chemical corporation growing rapidly based on customer's confidence

With state-of-the-art technology and ultra-modern production facilities, KCC seeks perfection in the quality of its products and customer service. Each product that KCC introduces to the marketplace is the result of creative and intensive R&D activities benefiting the diverse needs of every customer. KCC continues to remain deeply committed to improving the living environment and does this by leading the building and industrial materials industry through continuous research and development.

KCC Worldwide Service Network



We are reaching out to the world with quality and technology

We produce and distribute various silicone products including silicone rubber, sealants for construction and industrial use, silane, silicone oil, silicone emulsion, and silicone dispersion products.

Today's building materials are essential blends or composites of organic and inorganic chemical products. KCC takes pride in being a market leader in these particular chemical fields. In the past, the two divisions within KCC operated separately, but they are now merged together to provide enhanced synergy, cost efficiency, and service to our multitude of highly valued customers. Korea Chemical Co. Ltd., that specialized in organic chemical products (mainly paints and resins for paints) has merged with Kumgang Chemical Co. Ltd., into a single legal entity entitled Kumgang Korea Chemical Co. Ltd. The company is known as KCC for short. The technical integration of the organic and inorganic chemistry business under the same roof ensures better products, better technical service, and more competitive prices. KCC continues to be a worldwide industrial player in the 21st century and continues to invest in innovative R&D activities.

Introduction to KCC Silicone Business

KCC constructed the first silicone monomer production plant in Korea in 2003. KCC has made great R&D advances for the silicone industry with researchers specialized in the field of silicone monomer, polymer synthesis, and the development of applicable products. Thus, KCC has completed the development in the silicone-related field successfully. KCC is ready to produce and provide silicone products including silicone sealant for construction, industrial RTV, silane, fluids, emulsion and dispersion, as well as rubber.

Moreover, KCC makes contributions to promote the competitive power of our customers by supplying products corresponding to their needs and by concentrating our energies on R & D activities.



KCC SEALANT



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General Purpose KORESEAL SL801

Benefits

- Easy gun-ability
- Excellent weatherability
- Excellent physical property (Low modulus & High elongation)

Features

- 1-Component & Non-Slump
- Good Extrudability regardless of season (-20°C ~ 50°C)
- Good adhesion on Glass

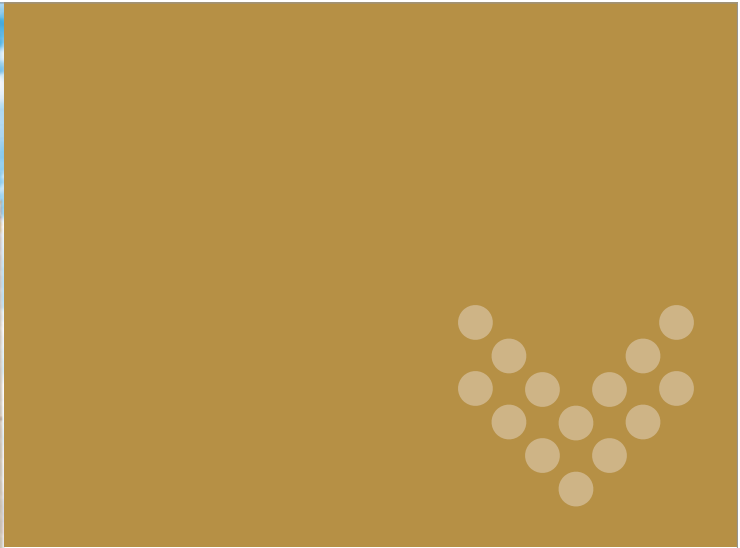
Applications

- Sealing of General Glazing

Typical Property Data (Tested at 23°C, 50% relative humidity)

Property	Unit	Result
Binder	-	Silicone Polymer
Curing System	-	Acetoxo Cure
Color	-	Transparent, White, Gray, Black
Consistency	-	Soft Paste
Tack Free Time	min	Approx 10
Specific Gravity	-	0.99 ± 0.1
Hardness	Shore A	Approx. 20
Tensile Strength (ASTM D412)	N/mm ²	Approx. 1.3
Elongation (ASTM D412)	%	Approx. 350
Packaging	-	300ml cartridge
Shelf Life	Month	12
Recovery	%	96
Weathering Resistance	-	Excellent

Notice 1) Typical property data values should not be used as specifications.



Handling Precautions

- Use at room temperature in the range of 30 to 80% relative humidity.
- Time for complete cure is depend on the thickness of sealant applied.
- Adhesion may decline in case of the substrate contaminated.
For the best adhesion, clean surfaces thoroughly with solvent before applying the product.
- Wear eye protection and protective gloves when handling this product.
- Maintain adequate ventilation in the work place at all times.
- Keep in place that child's hand does not touch and never ingest or do not touch in skin.
- Do not use besides service.
- Do not inflict shock in receptacle.
- Avoid direct ray of light and keep in state that is tightly shut in place that moisture is less.
- Do not mixing with other products.
- Wash your skins cleanly after work.
- As change in quality can be at long term storage, use in validity.
- Do not use defected back-up materials. It might induce air bubble.

Safety and Storage

- Use it within 12 months from the day of manufacture as change in quality can be possible at long term storage use in validity.
- Store in original unopened containers in a cool & dry place.
- Temperature should not exceed 25°C for prolonged periods. (Recommended at 5 ~ 25°C)
- Please, refer product MSDS for more details regarding safety information.

Packaging

300ml Plastic Cartridge
190kg Open Drum



General Purpose KORESEAL SL825

Benefits

- Easy gun-ability
- Excellent weatherability
- Solvent Free and Non-Sagging
- Excellent Anti-fungi (ASTM G 21)

Features

- 1-Component & Non-Slump (Neutral Cure)
- Good Extrudability regardless of season (-20°C ~ 50°C)
- Good Adhesion to most substrates
- Low shrinkage during cure
- Remain flexible at low and high temperature (-40 ~ 150°C)

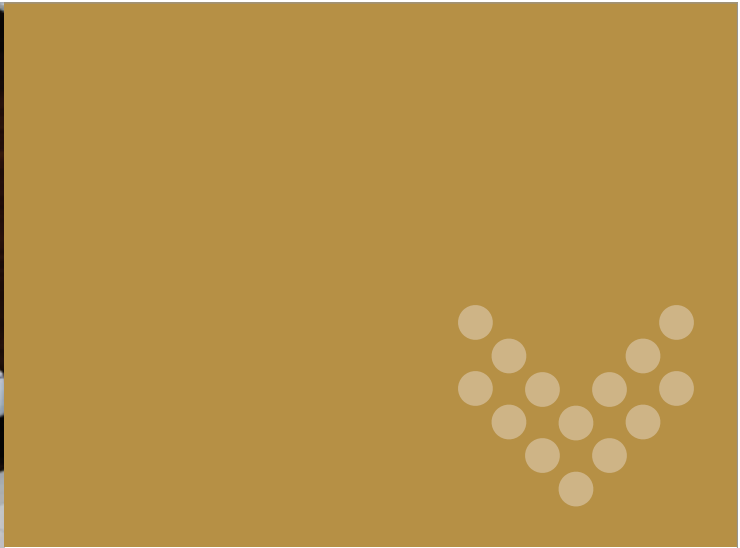
Applications

- Sealing of connecting and expansion joints exposed to high humidity such as a bathtub

Typical Property Data (Tested at 23°C, 50% relative humidity)

Property	Unit	Result
Binder	-	Silicone Polymer
Curing System	-	Neutral cure (Oxime)
Color	-	White, Ivory, Transparent
Consistency	-	Soft Paste
Solvent	-	NONE
Tack Free Time	min	10
Specific Gravity	-	1.00 ± 0.1
Hardness	Shore A	Approx. 25
Tensile Strength (ASTM D412)	N/mm ²	Approx. 1.5
Elongation (ASTM D412)	%	Approx. 500
Packaging	-	300ml cartridge
Shelf Life	Month	12
Weathering Resistance	-	Excellent

Notice 1) Typical property data values should not be used as specifications.



Handling Precautions

- Use at room temperature in the range of 30 to 80% relative humidity.
- Time for complete cure is depend on the thickness of sealant applied.
- Adhesion may decline in case of the substrate contaminated.
For the best adhesion, clean surfaces thoroughly with solvent before applying the product.
- Wear eye protection and protective gloves when handling this product.
- Maintain adequate ventilation in the work place at all times.
- Keep in place that child's hand does not touch and never ingest or do not touch in skin
- Do not use besides service.
- Do not inflict shock in receptacle.
- Avoid direct ray of light and keep in state that is tightly shut in place that moisture is less.
- Do not mixing with other products.
- Wash your skins cleanly after work.
- As change in quality can be at long term storage, use in validity.
- Do not use defected back-up materials. It might induce air bubble.

Safety and Storage

- Use it within 12 months from the day of manufacture as change in quality can be possible at long term storage use in validity.
- Store in original unopened containers in a cool & dry place.
- Temperature should not exceed 25°C for prolonged periods. (Recommended at 5 ~ 25°C)
- Please, refer product MSDS for more details regarding safety information.

Packaging

300ml Plastic Cartridge
190kg Open Drum



General Purpose KORESEAL SL907

Benefits

- Easy gun-ability
- Excellent weatherability
- Solvent Free and Non-Sagging

Features

- Fast Curing
- 1-Component & Non-Slump (Neutral Cure)
- Good Extrudability regardless of season (-20°C ~ 50°C)
- Good Adhesion to most substrates (PVC, Metal, Concrete, ETC)
- Low shrinkage during cure
- Remain flexible at low and high temperature (-40 ~ 150°C)

Applications

- Sealing of General Glazing.

Typical Property Data (Tested at 23°C, 50% relative humidity)

Property	Unit	Result
Binder	-	Silicone Polymer
Curing System	-	Neutral Curing (Oxime)
Color	-	White, Gray, Black, ETC
Consistency	-	Soft Paste
Solvent	-	NONE
Tack Free Time	min	Max. 10
Specific Gravity	-	Opaque Type : 1.42 ± 0.1 Transparent : 1.00 ± 0.1
Tensile Strength (ASTM D412)	N/mm ²	Approx. 1.1
Elongation (ASTM D412)	%	Approx. 350
Packaging	-	300ml cartridge
Shelf Life	Month	12
Weathering Resistance	-	Excellent

Notice 1) Typical property data values should not be used as specifications.



Handling Precautions

- Use at room temperature in the range of 30 to 80% relative humidity.
- Time for complete cure is depend on the thickness of sealant applied.
- Adhesion may decline in case of the substrate contaminated.
For the best adhesion, clean surfaces thoroughly with solvent before applying the product.
- Wear eye protection and protective gloves when handling this product.
- Maintain adequate ventilation in the work place at all times.
- Keep in place that child's hand does not touch and never ingest or do not touch in skin
- Do not use besides service.
- Do not inflict shock in receptacle.
- Avoid direct ray of light and keep in state that is tightly shut in place that moisture is less.
- Do not mixing with other products.
- Wash your skins cleanly after work.
- As change in quality can be at long term storage, use in validity.
- Do not use defected back-up materials. It might induce air bubble.

Safety and Storage

- Use it within 12 months from the day of manufacture as change in quality can be possible at long term storage use in validity.
- Store in original unopened containers in a cool & dry place.
- Temperature should not exceed 25°C for prolonged periods. (Recommended at 5 ~ 25°C)
- Please, refer product MSDS for more details regarding safety information.

Packaging

300ml Plastic Cartridge
270kg Open Drum



Weather Seal

KORESEAL SL868

Benefits

- Easy gun-ability
- Excellent weatherability
- Very good adhesion
- Low modulus and high elongation

Features

- 1-Component & Non-Slump (Neutral Cure)
- Good Extrudability regardless of season (-20°C ~ 50°C)
- Very good Adhesion to most consturction material without primer
- Low shrinkage during cure
- Remain flexible at low and high temperature (-40 ~ 150°C)

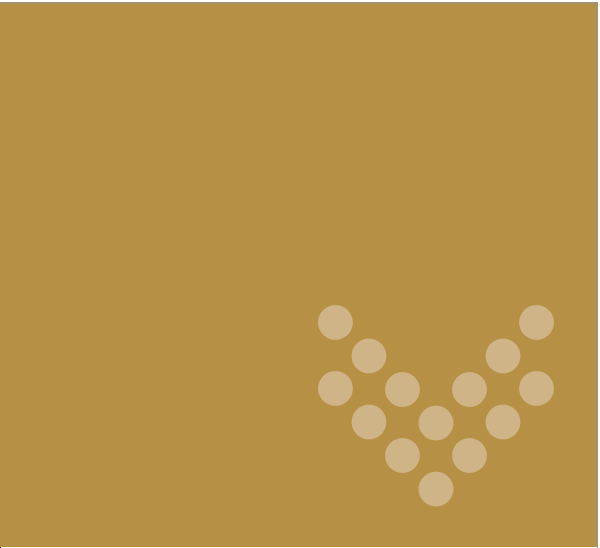
Applications

- Seaing of aluminum curtain wall joint and complex panel.
- Sealing in constructions work such as windows and doors.
- Sealing of assembly panel constructions for PCM steel.

Typical Property Data (Tested at 23°C, 50% relative humidity)

Property	Unit	Result
Binder	-	Silicone Polymer
Curing System	-	Neutral Curing (Oxime)
Color	-	White, Gray, Brown, Black
Consistency	-	Soft Paste
Tack Free Time	min	Approx.10
Specific Gravity	-	1.38 ± 0.1
Hardness	Shore A	Approx. 25
Tensile Strength (ASTM D412)	N/mm ²	Approx. 1.3
Elongation (ASTM D412)	%	Approx. 750
Packaging	-	300ml cartridge
		500ml AI Sausage
Shelf Life	Month	12
Weathering Resistance	-	Excellent

Notice 1) Typical property data values should not be used as specifications.



Handling Precautions

- Use at room temperature in the range of 30 to 80% relative humidity.
- Time for complete cure is depend on the thickness of sealant applied.
- Adhesion may decline in case of the substrate contaminated.
For the best adhesion, clean surfaces thoroughly with solvent before applying the product.
- Wear eye protection and protective gloves when handling this product.
- Maintain adequate ventilation in the work place at all times.
- Keep in place that child's hand does not touch and never ingest or do not touch in skin
- Do not use besides service.
- Do not inflict shock in receptacle.
- Avoid direct ray of light and keep in state that is tightly shut in place that moisture is less.
- Do not mixing with other products.
- Wash your skins cleanly after work.
- As change in quality can be at long term storage, use in validity.
- Do not use defected back-up materials. It might induce air bubble.

Safety and Storage

- Use it within 12 months from the day of manufacture as change in quality can be possible at long term storage use in validity.
- Store in original unopened containers in a cool & dry place.
- Temperature should not exceed 25°C for prolonged periods. (Recommended at 5 ~ 25°C)
- Please, refer product MSDS for more details regarding safety information.

Packaging

300ml Plastic Cartridge
500ml AI Sausage



Weather Seal

KORESEAL SL999

Benefits

- Non-Staining
- Excellent weatherability
- Very good adhesion

Features

- Meet ASTM C 1248 Standard Specification for non-staining application
- 1-Component & Non-Slump (Neutral Cure)
- Good Extrudability regardless of season (-20°C ~ 50°C)
- Good compatibility with most of construction material
- Low shrinkage during cure
- Remain flexible at low and high temperature (-40 ~ 150°C)

Applications

- Sealing of non-staining application
- Sealing of aluminum curtain wall joint and complex panel.
- Sealing in constructions work such as windows and doors.

Typical Property Data (Tested at 23°C, 50% relative humidity)

Property	Unit	Result
Binder	-	Silicone Polymer
Curing System	-	Neutral Curing (Oxime Type)
Color	-	White, Gray, Brown, Black
Consistency	-	Soft Paste
Tack Free Time	min	Approx. 5
Specific Gravity	-	1.25 ± 0.1
Hardness	Shore A	Approx. 30
Tensile Strength (ASTM D412)	N/mm ²	Approx. 1.4
Elongation (ASTM D412)	%	Approx. 400
Packaging	-	300ml cartridge
		500ml AI Sausage
Shelf Life	Month	12
Weathering Resistance	-	Excellent

Notice 1) Typical property data values should not be used as specifications.



Handling Precautions

- Use at room temperature in the range of 30 to 80% relative humidity.
- Time for complete cure is depend on the thickness of sealant applied.
- Adhesion may decline in case of the substrate contaminated.
For the best adhesion, clean surfaces thoroughly with solvent before applying the product.
- Wear eye protection and protective gloves when handling this product.
- Maintain adequate ventilation in the work place at all times.
- Keep in place that child's hand does not touch and never ingest or do not touch in skin
- Do not use besides service.
- Do not inflict shock in receptacle.
- Avoid direct ray of light and keep in state that is tightly shut in place that moisture is less.
- Do not mixing with other products.
- Wash your skins cleanly after work.
- As change in quality can be at long term storage, use in validity.
- Do not use defected back-up materials. It might induce air bubble.

Safety and Storage

- Use it within 12 months from the day of manufacture as change in quality can be possible at long term storage use in validity.
- Store in original unopened containers in a cool & dry place.
- Temperature should not exceed 25°C for prolonged periods. (Recommended at 5 ~ 25°C)
- Please, refer product MSDS for more details regarding safety information.

Packaging

300ml Plastic Cartridge
500ml AI Sausage



Weather Seal

KORESEAL SL1000

Benefits

- Easy gun-ability
- Excellent weatherability
- Low modulus and high elongation

Features

- 1-Component & Non-Slump (Neutral Cure)
- Good Extrudability regardless of season (-20°C ~ 50°C)
- Very good Adhesion to most construction material But in case of porous material such as cement, brick asbesots needs suitable primer before applying sealant
- Low shrinkage during cure
- Remain flexible at low and high temperature (-40 ~ 150°C)

Applications

- Sealing of joint between a window frame and wall
- Sealing of joint PVC + CON'C or AL + CON'C

Typical Property Data (Tested at 23°C, 50% relative humidity)

Property	Unit	Result
Binder	-	Silicone Polymer
Curing System	-	Neutral Curing (Oxime)
Color	-	White, Gray, Brown, Black
Consistency	-	Soft Paste
Tack Free Time	min	Max.10
Specific Gravity	-	1.38 ± 0.1
Hardness	Shore A	Approx. 25
Tensile Strength (ASTM D412)	N/mm ²	Approx. 1.0
Elongation (ASTM D412)	%	Approx. 650
Packaging	-	500ml AI Sausage
Shelf Life	Month	12
Weathering Resistance	-	Excellent

Notice 1) Typical property data values should not be used as specifications.



Handling Precautions

- Use at room temperature in the range of 30 to 80% relative humidity.
- Time for complete cure is depend on the thickness of sealant applied.
- Adhesion may decline in case of the substrate contaminated.
For the best adhesion, clean surfaces thoroughly with solvent before applying the product.
- Wear eye protection and protective gloves when handling this product.
- Maintain adequate ventilation in the work place at all times.
- Keep in place that child's hand does not touch and never ingest or do not touch in skin
- Do not use besides service.
- Do not inflict shock in receptacle.
- Avoid direct ray of light and keep in state that is tightly shut in place that moisture is less.
- Do not mixing with other products.
- Wash your skins cleanly after work.
- As change in quality can be at long term storage, use in validity.
- Do not use defected back-up materials. It might induce air bubble.

Safety and Storage

- Use it within 12 months from the day of manufacture as change in quality can be possible at long term storage use in validity.
- Store in original unopened containers in a cool & dry place.
- Temperature should not exceed 25°C for prolonged periods. (Recommended at 5 ~ 25°C)
- Please, refer product MSDS for more details regarding safety information.

Packaging

500ml AI Sausage



IG (Insulating Glass) & SSG

KORESEAL SL822

Benefits

- Two Component type and allows easy adjustment of cure rate
- Non-Corrosive to metal
- Excellent weatherability
- Outstanding physical properties (High-Modulus & High Strength)

Features

- Meet ASTM C 1184 Standard Specification for Silicone Structural glazing
Meet EN1279, ASTM E 2190 Certi for Gas barrier performance
- Neutral curing system (Alkoxy)
- Consistent non-slump, Permitting automated glazing

Applications

- Secondary sealant for Insulating glass units and can be applied to SSG system
- Auto sealing machine & Manual machine are both applicable

Typical Property Data (Tested at 23°C, 50% relative humidity)

Property	Unit	Result
Binder	-	Silicone Polymer
Curing System	-	Neutral Curing (Alkoxy Type)
Color	-	Base (white)
		Curing agent (black)
Consistency	-	Base (soft paste)
		Curing agent (viscous liquid)
Mixing Ratio (by Volume)	Base : Curing agent	9 : 1
Pot life	min	20 ~ 60
Specific Gravity	-	Base : 1.48 ±0.1,
		Curing agent : 1.03 ±0.1
Hardness	Shore A	35 ~ 45
Tensile Strength (ASTM D412)	MPa	Approx. 1.85
Elongation (ASTM D412)	%	Approx. 250
Tensile Strength (ISO 8339)	MPa	Approx. 1.12
Elongation (ISO 8339)	%	Approx. 100
Packaging	-	Base (250kg) Curing Agent (19kg)
Shelf Life	Month	12
Weathering Resistance	-	Excellent

Notice 1) Typical property data values should not be used as specifications.



Handling Precautions

- Use at room temperature in the range of 30 to 80% relative humidity.
- Wear eye protection and protective gloves when handling this product.
- Store in original unopened containers in a cool & dry place.
- Temperature should not exceed 25°C for prolonged periods. (Recommended at 5 ~ 25°C)
- Do not mix with other products
(when changing from other product it may happen curing problem)
- Please, refer product MSDS for more details regarding safety information.
- Avoid direct ray of light and keep in state tightly shut that moisture is less.
- As change in quality can be at long term storage, use in validity
- Wash your skins cleanly after work.

Safety and Storage

- Use it within 12 months from the day of manufacture as change in quality can be possible at long term storage use in validity.
- Store in original unopened containers in a cool & dry place.
- Temperature should not exceed 25°C for prolonged periods. (Recommended at 5 ~ 25°C)
- Do not impact the receptacle , it may influence machine extrudability
- Please, refer product MSDS for more details regarding safety information.

Packaging

PTA : Base (250kg),
PTB : Curing Agent (19kg)



IG (Insulating Glass)

KORESEAL SL922

Benefits

- Two Component type and allows easy adjustment of cure rate
- Non-Corrosive to metal
- Excellent weatherability
- Outstanding physical properties (High-Modulus)

Features

- Excellent barrier performance of moisture transfer (KS F 4910, KS L 2003 Certi)
- Neutral curing system (Alkoxy)
- Consistent non-slump , Permitting automated glazing

Applications

- Secondary sealant for Insulating glass
- Auto sealing machine & Manual machine are both applicable

Typical Property Data (Tested at 23°C, 50% relative humidity)

Property	Unit	Result
Binder	-	Silicone Polymer
Curing System	-	Neutral Curing
Color	-	Base (White) Curing Agent (Black)
Consistency	-	Base (Soft Paste) Curing Agent (Viscous Liquid)
Mixing Ratio (by Volume)	Base : Curing Agent	9 : 1
Pot life	min	20 ~ 60
Specific Gravity	-	Base : 1.53 ±0.1 Curing agent : 1.03 ±0.1
Hardness	Shore A	35 ~ 45
Tensile Strength	MPa	Approx. 0.8
Elongation	%	Approx. 150
Packaging	-	Base(270kg), Curing agent(19.3kg)
Shelf Life	Month	12
Weathering Resistance	-	Excellent

Notice 1) Typical property data values should not be used as specifications.



Handling Precautions

- Use at room temperature in the range of 30 to 80% relative humidity.
- Wear eye protection and protective gloves when handling this product.
- Store in original unopened containers in a cool & dry place.
- Temperature should not exceed 25°C for prolonged periods. (Recommended at 5 ~ 25°C)
- Do not mix with other products
(when changing from other product it may happen curing problem)
- Please, refer product MSDS for more details regarding safety information.
- Avoid direct ray of light and keep in state tightly shut that moisture is less.
- As change in quality can be at long term storage, use in validity
- Wash your skins cleanly after work.

Safety and Storage

- Use it within 12 months from the day of manufacture as change in quality can be possible at long term storage use in validity.
- Store in original unopened containers in a cool & dry place.
- Temperature should not exceed 25°C for prolonged periods. (Recommended at 5 ~ 25°C)
- Do not impact the receptacle , it may influence machine extrudability
- Please, refer product MSDS for more details regarding safety information.

Packaging

PTA : Base (270kg),
PTB : Curing Agent (19.3kg)



Structural Sealant Glazing

KORESEAL SL819

Benefits

- Excellent weatherability
- Very good adhesion
- Non-Corrosive to metal
- Outstanding physical properties (High-Modulus & High Strength)

Features

- Meet ASTM C 1184 Standard Specification for Silicone Structural glazing
 - Neutral curing system (Alkoxy)
 - Good Extrudability regardless of season (-20°C ~ 50°C)
 - Low shrinkage during cure
 - Remain flexible at low and high temperature (-40 ~ 150°C)
 - Very good adhesion to most construction material (some substrate needs suitable primer)
- KCC provide technical support for adhesion, compatibility test based on ASTM Specification

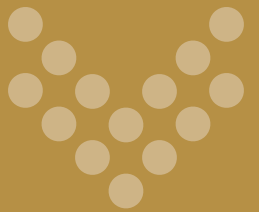
Applications

- Silicone Sealant for SSG application Bonding, Sealing for fabrication of assembly line

Typical Property Data (Tested at 23°C, 50% relative humidity)

Property	Unit	Result
Binder	-	Silicone Polymer
Curing System	-	Neutral curing (Alkoxy)
Color	-	Gray, Black
Consistency	-	Soft Paste
Tack Free Time	min	Max. 90
Specific Gravity	-	1.33 ± 0.1
Hardness	Shore A	Min. 35
Tensile Strength (ASTM D412)	N/mm ²	Approx.2.72
Elongation (ASTM D412)	%	Approx. 500
Tensile Strength (ASTM C1135)	N/mm ²	Approx. 1.36
Elongation (ASTM C1135)	%	Approx. 310
Packaging	-	300ml cartridge
		500ml AI Sausage
Shelf Life	Month	12
Weathering Resistance	-	Excellent

Notice 1) Typical property data values should not be used as specifications.



Handling Precautions

- Use at room temperature in the range of 30 to 80% relative humidity.
- Time for complete cure is depend on the thickness of sealant applied.
- Adhesion may decline in case of the substrate contaminated.
For the best adhesion, clean surfaces thoroughly with solvent before applying the product.
- Wear eye protection and protective gloves when handling this product.
- Maintain adequate ventilation in the work place at all times.
- Keep in place that child's hand does not touch and never ingest or do not touch in skin
- Do not use besides service.
- Do not inflict shock in receptacle.
- Avoid direct ray of light and keep in state that is tightly shut in place that moisture is less.
- Do not mixing with other products.
- Wash your skins cleanly after work.
- As change in quality can be at long term storage, use in validity.
- Do not use defected back-up materials. It might induce air bubble.



Structural Sealant Glazing

KORESEAL SL819

Safety and Storage

- Use it within 12 months from the day of manufacture as change in quality can be possible at long term storage use in validity.
- Store in original unopened containers in a cool & dry place.
- Temperature should not exceed 25°C for prolonged periods. (Recommended at 5 ~ 25°C)
- Please, refer product MSDS for more details regarding safety information.

Packaging

300ml Plastic Cartridge
500ml Al Sausage





Structural Sealant Glazing

KORESEAL SL820



Benefits

- Two Component type and allows easy adjustment of cure rate
- Non-Corrosive to metal
- Excellent weatherability
- Outstanding physical properties for SSG (High-Modulus & High Strength)

Features

- Meet ASTM C 1184 Standard Specification for Silicone Structural glazing
- Neutral curing system (Alkoxy)
- Consistent non-slump
- Good Extrudability and easy tooling
- Remain flexible at low and high temperature (-40 ~ 150°C)

Applications

- Silicone Sealant for SSG application Bonding, Sealing for fabrication of assembly line

Typical Property Data (Tested at 23°C, 50% relative humidity)

Property	Unit	Result
Binder	-	Silicone Polymer
Curing System	-	Neutral Curing
Color	-	Base (white)
		Curing agent (black)
Consistency	-	Base (soft paste)
		Curing agent (viscous liquid)
Mixing ratio (by volume)	Base : Curing agent	9 : 1
Pot life	min	20 ~ 60
Specific Gravity	-	Base : 1.47 ±0.1
		Curing agent : 1.03 ±0.1
Hardness	Shore A	35 ~ 45
Tensile Strength (ASTM D 412)	N/mm2	Approx. 1.85
Elongation (ASTM D 412)	%	Approx. 250
Tensile Strength (ASTM C1135)	N/mm2	Approx. 1.10
Elongation (ASTM C 1135)	%	Approx. 150
Packaging	-	Base(250kg), Curing agent(19kg)
Shelf Life	Month	12
Weathering Resistance	-	Excellent

Notice 1) Typical property data values should not be used as specifications.

Handling Precautions

- Use at room temperature in the range of 30 to 80% relative humidity.
- Wear eye protection and protective gloves when handling this product.
- Store in original unopened containers in a cool & dry place.
- Do not mix with other products
(when changing from other product it may happen curing problem)
- Please, refer product MSDS for more details regarding safety information.
- Avoid direct ray of light and keep in state tightly shut that moisture is less.
- As change in quality can be at long term storage, use in validity
- Wash your skins cleanly after work.
- Temperature should not exceed 25°C for prolonged periods.
(Recommended at 5 ~ 25°C)
- SL820 needs suitable primer, pls refer to TDS for detail information before applying sealant
- Recommend to test deglazing unit regularly for Quality control

Safety and Storage

- Use it within 12 months from the day of manufacture as change in quality can be possible at long term storage use in validity.
- Store in original unopened containers in a cool & dry place.
- Temperature should not exceed 25°C for prolonged periods.
(Recommended at 5 ~ 25°C)
- Do not impact the receptacle , it may influence machine extrudability
- Please, refer product MSDS for more details regarding safety information.

Packaging

PTA : Base (250kg),
PTB : Curing Agent (19kg)



Civil Engineering

KORESEAL SL850

Benefits

- Excellent weatherability
- Low modulus and high elongation
- Low viscosity and easy to work

Features

- 1-Component & self-leveling
- Good adhesion to most construction material with suitable primer
- Low shrinkage during cure
- Remain flexible at low and high temperature (-40 ~ 150°C)
- Excellent resistance to solvent , dilute acid

Applications

- Sealing of joints in building materials such as concrete, brick, steel, stone, etc.
- Joints in subway constructions and factories

Typical Property Data (Tested at 23°C, 50% relative humidity)

Property	Unit	Result
Binder	-	Silicone Polymer
Curing System	-	Neutral Curing (Oxime Type)
Consistency	-	Semi Flowable
Tack Free Time	min	Approx. 30
Specific Gravity	-	1.23 ± 0.1
Hardness	Shore A	Approx. 5
Tensile Strength (H-Shape) (ASTM C1135)	N/mm ²	Approx. 0.8
Elongation (H-Shape) (ASTM C1135)	%	Approx. 800
Packaging	-	Pail (22.1kg)
Shelf Life	month	12
Accelerated Weathering Test (Xenon)	hour	5,000

Notice 1) Typical property data values should not be used as specifications.



Handling Precautions

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For the best adhesion, clean surfaces thoroughly with solvent before applying the product.
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- Do not use besides service.
- Do not inflict shock in receptacle.
- Avoid direct ray of light and keep in state that is tightly shut in place that moisture is less.
- Do not mixing with other products.
- Wash your skins cleanly after work.
- As change in quality can be at long term storage, use in validity.
- Do not use defected back-up materials. It might induce air bubble.

Safety and Storage

- Use it within 12 months from the day of manufacture as change in quality can be possible at long term storage use in validity.
- Store in original unopened containers in a cool & dry place.
- Temperature should not exceed 25°C for prolonged periods. (Recommended at 5 ~ 25°C)
- Please, refer product MSDS for more details regarding safety information.

Packaging

22.1 kg Pail