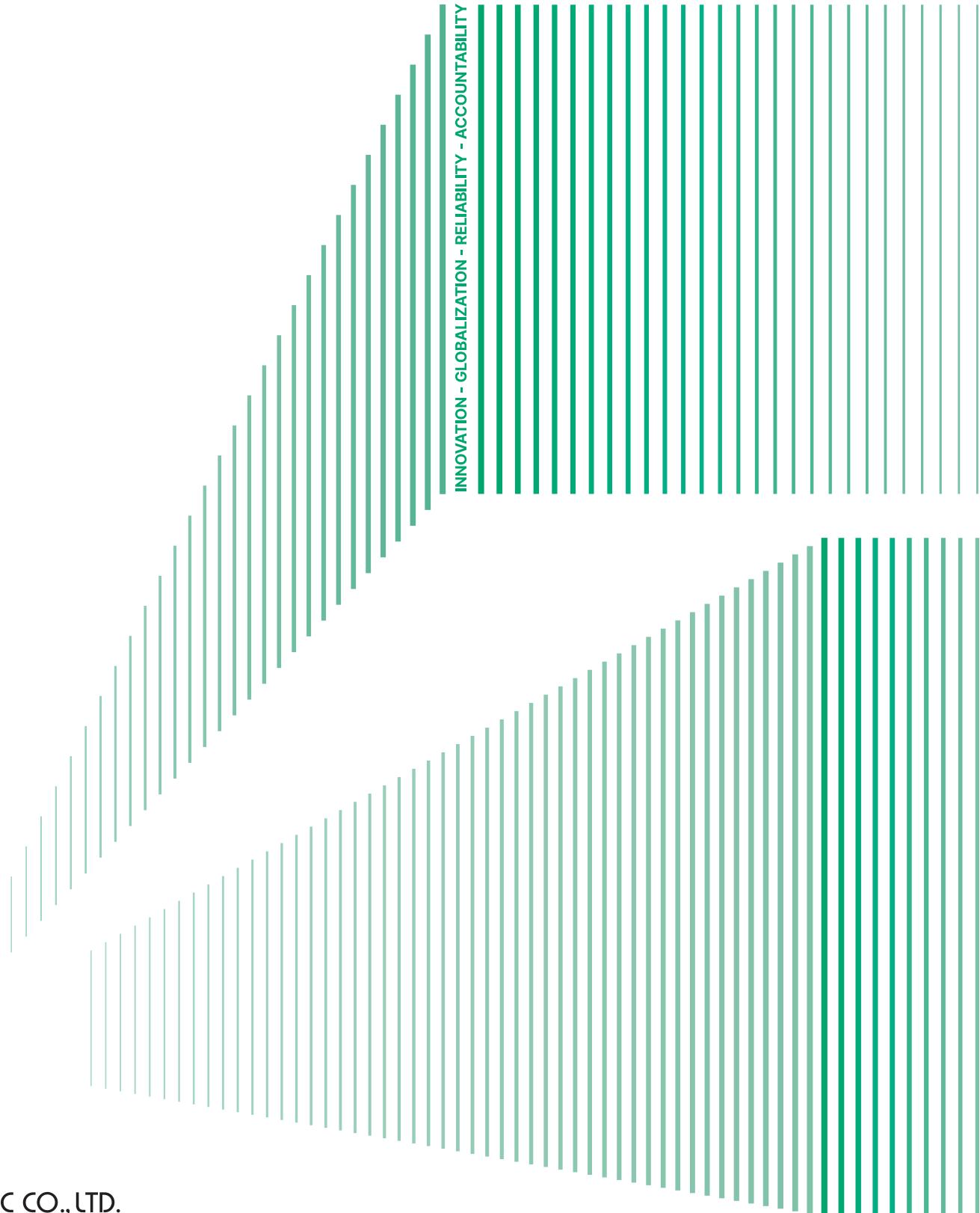


CONSTRUCTION SEALANTS & ADHESIVES

Creating
A New Future
The Silicone Industry





INNOSPEC
CONSTRUCTION SEALANTS & ADHESIVES

The New Future of the Sealant Industry, **INNOSPEC**

Introduction

We are a company striving to become a leader in innovative thinking and global standards. With continuous talent development and dedication, we take full responsibility for our customers and work to earn their trust. Based on this vision, we aim to collaborate with excellent domestic and international partners to lead not only the Korean market but also expand into global markets.

Our Vision

1
INNOVATION

2
GLOBALIZATION

3
RELIABILITY

4
ACCOUNTABILITY

Business Areas

① Manufacturing of Construction Silicone Sealants

Structural sealants, exterior sealants, curtain wall sealants, bathroom/kitchen sealants, multipurpose sealants, glazing sealants, fire-resistant sealants, acrylic sealants, anti-fungal sealants (acrylic, fire-resistant, bathroom), interior sealants

② Manufacturing of Industrial Silicone Sealants

Flow coating / potting sealants, adhesives for various electronic devices

③ Manufacturing of Sealant Toners (Silicone Compounding Agents)

④ Manufacturing of Packaging Cartridges

⑤ Distribution of Silicone and Additives



CONTENTS

Contents

p 3-4	Recommended Sealants for Various Parts of General Buildings
p 5-16	Product List
	• INNOSEAL 799 • INNOSEAL 988 • INNOSEAL 792 • INNOSEAL 1000 • INNOSEAL MS 704 • PREMIUM INNOSEAL GP-1 • INNOSEAL GP-1
	• INNOSEAL BIO 707 • PREMIUM INNOSEAL 386 • INNOSEAL 386 • INNO PAIR SEAL • DS 6699 • DGS 3110
	• INNOSEAL 1199MS • INNOSEAL 1199S • INNOSEAL 1199A • INNOSEAL 739 • INNOSEAL 221 • SUPER GLUE SPEED • GLITTER SEALANT
p 17	Other Item List
p 18	KSF 4910 Standards
p 19	Comparison of Sealant Types and Application Method
p 20	Consumption Amount
p 21	Silicone Color Chart
p 22	KS, ISO, Laboratory Approval, Patent etc



Recommended Sealants for Various Parts of General Buildings

Category	Type	Description	Application	Properties		
				Product Name	Ingredients	Note
Exterior	Curtainwall (Dry)	Structural Silicone Glazing System	Structural	Mullion + Glass Transom + Glass	INNOSEAL 799	Single-component Silicone
			Exterior	Glass + Glass Panel + Glass	INNOSEAL 792	Single-component Silicone
					INNOSEAL 988	Single-component Silicone
		For double-glazed glass	General residential use	Glass + Glass	INNO PAIR SEAL	Single-component Silicone
					DS 6699	Single-component Silicone
					DGS 3110	Two-component Silicone
		Panel System	AL	AL + AL AL + Glass	INNOSEAL 792	Single-component Silicone
			Composite Panel	Composite panel + Composite panel Composite panel + AL Composite panel + Glass		
			Metal	Metal + Metal Metal + AL Metal + Glass	INNOSEAL 988	Single-component Silicone
		PC System (Precast Con'c)	GPC (Stone PC)	GPC + GPC GPC + AL, Metal, Stainless Steel		
			Stone	Stone + Stone Stone + AL Stone + AL, Metal, Stainless Steel		
			GRC	GRC + GRC GRC + AL, Metal, Stainless Steel		
			PC	PC + PC PC + AL, Metal, Stainless Steel	INNOSEAL 988	Single-component Silicone
			TPC (TilePC)	TPC + TPC PC + AL, Metal, Stainless Steel		
		Stone Panel System		Stone + Stone Stone + AL, Metal, Stainless Steel Stone + Con'c		
		Polycarbonate		Polycarbonate (Lexan) joint	INNOSEAL 792/799	Single-component Silicone
Wet	RC System (Ready Mixed Con'c)	Windows	Con'c + AL, Metal, PL Sash Tile + Brick, Wood		INNOSEAL 1000	Single-component Silicone
					DS-7000(N)	Two-component Urethane
					INNOSEAL 988	Single-component Silicone
		Rooftop	Con'c + Con'c Con'c + Brick Con'c Expansion Joint PC + PC Con'c, PC + Brick		Floor : DS-7000(SL)	Two-component Urethane
					Wall : DS-7000(N)	Two-component Urethane
					INNOSEAL 988	Single-component Silicone

Category	Type	Description	Properties		
			Product Name	Ingredients	Note
Interior	High-temperature and high-humidity location	Kitchen	Acrylic Bathtub + Con'c + Tile Marble + Tile, Metal	INNO PREMIUM BIO 707	Single-component Silicone
		Bathroom	Tile + Con'c + Glass Tile + Con'c + Wood, Metal Sanitary Ware + Tile, Metal	INNOSEAL BIO 707 INNO PREMIUM BIO 707	Anti-mold/mildew
		Restroom		DS-7000(N)	Two-component Urethane
			Interior PL Door Frame	INNOSEAL 1000	Single-component Silicone
				INNOSEAL MS 704	Single-component Modified Silicone
			Interior Door Frame Surround Skirting + Interior Wall	INNOSEAL 386 PREMIUM INNOSEAL 386	Water-based Acrylic
			Con'c, Base Panel - Base Panel	INNOSEAL 792	Single-component Silicone
			Stone + Stone Stone + AL, Metal, Stainless Steel	INNOSEAL 988	Single-component Silicone
			Metal (AL, Metal, Stainless Steel) + Metal (AL, Metal, Stainless Steel)	INNOSEAL 792	Single-component Silicone
		Heat-resistant area	Boiler Flue Area and Exhaust Duct Connection Area	INNOSEAL 739	Single-component Silicone
Fireproof and smoke-resistant zone	Interfloor fire compartment		Curtainwall+Slab	INNOSEAL 1199S	Single-component Silicone
	Cable Tray, Pipe penetration area		Cable + Metal, Con'c, Pipe + Slab / Duct + Wall	INNOSEAL 1199S	Single-component Silicone
	Dry Wall		Metal, Gypsum Board Seams	INNOSEAL 1199A	Single-component acrylic
Others	For repairing gaps and cracks in exterior walls	Crack Area, Window repair / Maintenance, Exterior wall, etc.		INNOSEAL MS 704	Single-component Silicone
					Paintable

Multi-Family Housing

Category	Type	Ingredients	Applicable sealing material
Bathroom	Where the wooden door frame meets the tile	Silicone	INNOSEAL BIO 707, INNO PREMIUM BIO 707
	Where the marble sill meets the tile	Silicone	INNOSEAL BIO 707, INNO PREMIUM BIO 707
	Where FRP, enamel, or the bathtub meets the tile	Silicone	INNOSEAL BIO 707, INNO PREMIUM BIO 707
	Where the washbasin meets the tile	Silicone	INNOSEAL BIO 707, INNO PREMIUM BIO 707
	Wall tile corner	Silicone	INNOSEAL BIO 707, INNO PREMIUM BIO 707
	Where the marble sill meets the floor	Silicone	INNOSEAL BIO 707, INNO PREMIUM BIO 707
Kitchen	Acrylic bathtub	Silicone	INNO PREMIUM BIO 707
	Where the door frame and window frame meet	Silicone	INNOSEAL BIO 707, INNO PREMIUM BIO 707
	Where the kitchen furniture ledge meets the tile (lower cabinet)	Silicone	INNOSEAL BIO 707, INNO PREMIUM BIO 707
Balcony	Where the kitchen furniture piece meets another furniture piece (lower cabinet)	Silicone	INNOSEAL BIO 707, INNO PREMIUM BIO 707
	Balcony (exterior, interior) - PVC, AL+Con'c	Silicone, Polyurethane	INNOSEAL 1000, DS 7000(N)
	Glass glazing	Silicone	INNOSEAL GP-1, PREMIUM INNOSEAL GP-1
	Where AL/PVC window frame meets the glass	Silicone	PREMIUM INNOSEAL GP-1
	Where the wooden door frame or window frame meets the cement mortar or the exterior of the concrete retaining wall	Polyurethane	DS 7000(N)
	Where the masonry plaster wall meets the concrete retaining wall	Polyurethane	DS 7000(N)
	Where the CRC meets the framework	Polyurethane	DS 7000(N)
	Where the steel door meets the framework	Polyurethane	DS 7000(N)
Living Room	Fire escape partition	Fireproof sealant	INNOSEAL 1199S
	Art wall tile	Silicone	INNOSEAL GP-1, PREMIUM INNOSEAL GP-1
Bedroom	Gap between the interior wooden door trim and the wall due to poor construction (vertical section)	Silicone	INNOSEAL GP-1, PREMIUM INNOSEAL GP-1
	Gap between the ceiling molding and the wall where the interior wall meets the ceiling	Silicone	INNOSEAL GP-1, PREMIUM INNOSEAL GP-1
Common Area	E/V door; various inspection openings	Silicone	PREMIUM INNOSEAL GP-1
	Junction between framework and masonry	Polyurethane	DS 7000(N)
Exterior	Where the masonry plaster wall meets the concrete retaining wall	Polyurethane	DS 7000(N)
	Where PC and PC meet	Modified silicone/Polyurethane	INNOSEAL MS 704, DS 7000(N)
	Where AL/PVC and PC meets	Silicone	INNOSEAL 988
Rooftop	Expansion joint (concrete or cement mortar)	Polyurethane	DS 7000(SL)



INNOSEAL 799

Structural Silicone Sealant High performance structural silicone sealant

Colors Grey, Black

Packaging Size 270ml Cartridge

FEATURES

- Structural strength suitable for SSG(Structural Sealant Glazing) methods.
- Convenient to use as a single-component.
- Meets industry standards: KS F 4910, ASTM C 1184
- Compliant with the Ministry of Environment's Indoor Air Quality Management Act.
- Excellent heat and cold resistance (retains elasticity within a range of -50 to 150°C after curing).
- Do not use if the material surface temperature is above 50°C.

PROPERTIES

Before Curing	
Curing Type	Alcohol Type
Form	Paste
Surface Curing Time	10~30min. (23°C, 50%RH)
Full Curing Time	7~10days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.33

APPLICATIONS

- Structural glazing
- PC(Polycarbonate) joints
- Clean rooms
- High-performance silicone sealant



* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.

INNOSEAL 988

Weatherseal Silicone Sealant High-performance, non-staining sealant suitable for stone and porous materials

Colors White, Grey, Dark grey, Light grey, Bronze, Dark bronze, Red bronze, Light bronze, Black, Light black, Blue grey, Ivory, Lime green, Red grey (Custom color available for orders over 1,200 EA or more)

Packaging Size 270ml Cartridge, 500ml Sausage-type

FEATURES

- Excellent non-staining for porous materials
- Excellent adhesion to most building materials without primer
- Available in various colors to match exterior material color trends
- Excellent heat and cold resistance (retains elasticity within a range of -50 to 150°C after curing)
- Meets industry standards: KS F 4910, ASTM 1248 (Staining Test)
- Compliant with the Ministry of Environment's Indoor Air Quality Management Act.

APPLICATIONS

- Stone, porous panel joints
- Curtainwall panel joints requiring non-staining properties
- Weather sealing
- Various interior and exterior joint sealing
- Aluminum (AL) composite panel, enamel panel joint sealing



PROPERTIES

Before Curing

Curing Type	Neutral
Form	Paste
Surface Curing Time	10~20min. (23°C, 50%RH)
Full Curing Time	7~10days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.25

After Curing

ASTM D2240 (Shore A)	30~40
ASTM D412 Maximum Tensile Strength	1.3~1.8 N/mm ²
ASTM D412 Maximum Elongation	550~750%
Movement Tolerance	±25%

* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.

INNOSEAL 792

Weatherseal Silicone Sealant Exterior Sealant with Excellent Adhesion

Colors Transparent, White, Grey, Bronze, Black, Green (Custom colors available for orders of 2,000 EA or more)

Packaging Size 270ml Cartridge, 500ml Sausage-type

FEATURES

- Outstanding for Lexan (polycarbonate) sealing
- Excellent heat and cold resistance (retains elasticity within a range of -50 to 150°C after curing)
- Excellent adhesion to a variety of materials including Lexan, metal, and plastic without the need for a primer
- Meets industry standards: KS F 4910
- Compliant with the Ministry of Environment's Indoor Air Quality Management Act.
- Excellent weather resistance and chemical resistance

APPLICATIONS

- Exterior panels, fluoropolymer coating, enamel panels
- Lexan (Polycarbonate) sealing
- Aluminum (AL) curtainwall panel joints
- Window and door frame joint sealing
- Adhesion to metal, plastic, wood, dryvit, and other materials
- Weather sealing

PROPERTIES

Before Curing

Curing Type	Neutral
Form	Paste
Surface Curing Time	10~30min. (23°C, 50%RH)
Full Curing Time	7~10days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.36

After Curing

ASTM D2240 (Shore A)	25~35
ASTM D412 Maximum Tensile Strength	1.3~1.8 N/mm ²
ASTM D412 Maximum Elongation	500~600%
Movement Tolerance	±25%

* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.



INNOSEAL 1000

Window perimeter Silicone Sealant High-Elongation Silicone Sealant for Window perimeter

Colors White, Grey, Black, Bronze, Ivory

Packaging Size 270ml Cartridge, 500ml Sausage-type

FEATURES

- High-elongation window perimeter silicone sealants
- Product covered by Patent No. 0477356 (Improved antimicrobial properties)
- Excellent heat and cold resistance (retains elasticity in the range of -50 to 150°C after curing)
- Adhesion to various materials without the need for a primer
- Compliant with the Ministry of Environment's Indoor Air Quality Management Act.

APPLICATIONS

- Sealing around the exterior window frame inside the veranda (PVC/aluminum/wood + concrete)
- Architectural exterior material joint sealing
- Civil engineering joint sealing where elasticity is required



PROPERTIES

Before Curing

Curing Type	Neutral
Form	Paste
Surface Curing Time	15~30min. (23°C, 50%RH)
Full Curing Time	7~10days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.36

After Curing

ASTM D2240 (Shore A)	25~35
ASTM D412 Maximum Tensile Strength	1.3~1.8 N/mm ²
ASTM D412 Maximum Elongation	500~600%
Movement Tolerance	±25%

* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.



INNOSEAL MS 704

Modified Silicone(Hybrid sealant) Single-Component Modified Silicone Sealant with Excellent Paint Coating

Colors White, Grey, Green (Custom colors available)

Packaging Size 270ml Cartridge, 500ml Sausage-type

FEATURES

- Modified (MS) silicone sealant free from contamination by silicone plasticizers
- Suitable for expansion joint sealing due to low modulus characteristics
- Paintable (Note: Painting issues such as poor adhesion or discoloration may occur depending on the type of paint and application method, so please test before application.)
- Excellent weather resistance, durability, and ozone resistance
- Compliant with the Ministry of Environment's Indoor Air Quality Management Act.

APPLICATIONS

- Concrete crack repair for urethane waterproofing (primer recommended)
- Sealing around interior/ exterior window frames (primer recommended)
- Sealing stone and panel joints (primer recommended)
- Sealing urethane adhesive areas
- Joint sealing where nonstaining properties are required



PROPERTIES

Before Curing

Curing Type	Neutral
Form	Paste
Surface Curing Time	20~40min. (23°C, 50%RH)
Full Curing Time	7~10days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.4

After Curing

ASTM D2240 (Shore A)	25~35
ASTM D412 Maximum Tensile Strength	0.8~1.2 N/mm ²
ASTM D412 Maximum Elongation	250~450%
Movement Tolerance	±25%

* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.



PREMIUM INNOSEAL GP-1

Silicone Sealant for Glazing Premium Glazing Silicone Sealant with Excellent Workability and Adhesion

Colors

Transparent, White, Grey, Bronze, Black, Green, Light ivory, Ivory, Cherry, Red, Gold, Translucent, Light grey, Dark grey, Walnut, Light blue, Blue, Dark blue, Light wood, Wood, Oak, Dark gold, Aluminium (Custom colors available for orders of 2,000 EA or more.)

Packaging Size

270ml Cartridge

FEATURES

- Neutral curing type, free from corrosion and odor
- Multipurpose Use: Excellent adhesion to various materials such as wood, plastic, aluminum (AL), and concrete (Not suitable for fluoropolymer coatings)
- Excellent workability, weather resistance
- Meets Industry Standards (KS F 4910)
- Compliant with the Ministry of Environment's Indoor Air Quality Management Act.
- Fast drying speed
- Applicable temperature: -48~150°C

APPLICATIONS

- Glass and Sash Glazing(Plastic + Glass)
- Standard Sash Glazing
- Wood Window Frame Glazing
- Cleanroom Joint Sealing



PROPERTIES

Before Curing

Curing Type	Neutral
Form	Paste
Surface Curing Time	10~30min. (23°C, 50%RH)
Full Curing Time	7~10days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.36

After Curing

ASTM D2240 (Shore A)	25~35
ASTM D412 Maximum Tensile Strength	1.3~1.8 N/mm ²
ASTM D412 Maximum Elongation	500~600%
Movement Tolerance	±25%

* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.

INNOSEAL GP-1

Silicone Sealant for Glazing Non-Acidic Silicone Sealant with Excellent Workability and Adhesion

Colors

Transparent, White, Grey, Bronze, Black, Green, Light ivory, Ivory, Cherry, Red, Gold, Translucent, Light grey, Dark grey, Walnut, Light blue, Blue, Dark blue, Light wood, Oak, Dark gold (Custom colors available for orders of 2,000 EA or more.)

Packaging Size

270ml Cartridge

FEATURES

- Neutral curing type, free from corrosion and odor
- Multipurpose Use: Excellent adhesion to various materials such as wood, plastic, aluminum (AL), and concrete (not suitable for fluoropolymer coatings)
- Excellent workability
- Meets Industry Standards (KS F 4910)
- Applicable Temperature: -48~150°C

APPLICATIONS

- Sash Glazing (Plastic + Glass)
- Aluminum (AL) Sash Glazing
- Wood window frame glazing
- Joint caulking for building materials with minimal movement
- Not for use with fluoropolymer coatings
- Not for use in structural methods or double-glazed glass production (Avoid contact with butyl)
- Not for submersion in water

PROPERTIES

Before Curing

Curing Type	Neutral
Form	Paste
Surface Curing Time	15~20min. (23°C, 50%RH)
Full Curing Time	7~10days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.4

After Curing

ASTM D2240 (Shore A)	25~30
ASTM D412 Maximum Tensile Strength	0.8~1.3 N/mm ²
ASTM D412 Maximum Elongation	300~400%
Movement Tolerance	±12.5%

* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.





INNOSEAL BIO 707

Silicone Sealant for Bathroom Anti-mold/mildew Bio Silicone Sealant for Bathrooms and Kitchens

Colors

Transparent, Translucent, White, Ivory (Custom colors available for orders of 2,000 EA or more)

Packaging Size

270ml Cartridge

FEATURES

- Neutral type with no odor, making it easy to work in bathrooms
- Contains antifungal agents, suitable for high-temperature and high-humidity environments
- Excellent adhesion to most bathroom materials and fast curing (excluding acrylic bathtubs)
- Meets Industry Standards (KS F 4910)
- Compliant with the Ministry of Environment's Indoor Air Quality Management Act.
- Applicable Temperature: -48~150°C

APPLICATIONS

- Around bathtubs and sinks in bathrooms
- Tile and sink joints
- High-temperature and high humidity areas such as sanitary ware
- Fungal-resistant areas in hospitals, food and pharmaceutical processes.

PROPERTIES

Before Curing

Curing Type	Neutral
Form	Paste
Surface Curing Time	10~20min. (23°C, 50%RH)
Full Curing Time	5~7days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.00

After Curing

ASTM D2240 (Shore A)	20~30
ASTM D412 Maximum Tensile Strength	1.0~1.5 N/mm ²
ASTM D412 Maximum Elongation	400~500%
Movement Tolerance	±25%

* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.



PREMIUM INNOSEAL 386

High-Elasticity Acrylic Sealant Acrylic Sealant with High Elasticity and High Performance

Colors White, Grey

Packaging Size 270ml Cartridge

FEATURES

- High-elasticity water-based acrylic sealant
- Paintable (Note: Painting may not be possible depending on the type of paint and application method, so please test before application.)
- Applicable in temporarily humid areas
- Excellent corrosion resistance and alkali resistance
- Water-based, with minimal odor and toxicity
- Easy to use for repair work
- Compliant with the Ministry of Environment's Indoor Air Quality Management Act.

APPLICATIONS

- Crack repair and sealing for porous materials and surfaces
- Sealing interior joints with minimal movement, such as walls and ceilings
- Sealing and soundproofing of joints
- Interior joint sealing for apartments, offices and other similar spaces



PROPERTIES

Before Curing

Curing Type	Drying and curing (water-based acrylic)
Form	Paste
Surface Curing Time	Within 200min. (23°C, 50%RH)
Full Curing Time	14~28days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.6

After Curing

ASTM D2240 (Shore A)	30~40
ASTM D412 Maximum Tensile Strength	1.0~1.3 N/mm ²
ASTM D412 Maximum Elongation	200~300%

* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.

INNOSEAL 386

Acrylic Sealant Water-Based Acrylic Sealant that is Odorless and Non-Toxic

Colors White, Grey (Custom colors available for orders of 2,000 EA or more)

Packaging Size 270ml Cartridge

FEATURES

- Paintable (Note: Painting may not be possible depending on the type of paint and application method, so please test before application.)
- Applicable in temporarily humid areas
- Excellent corrosion resistance and alkali resistance
- Water-based, with minimal odor and toxicity
- Easy to use for repair work
- Compliant with the Ministry of Environment's Indoor Air Quality Management Act.

APPLICATIONS

- Repair of porous materials such as concrete, stone, and plaster
- Sealing and filling of joints inside buildings
- Sealing of joints with minimal movement
- Sealing gypsum board joints in apartments, offices and other indoor spaces



PROPERTIES

Before Curing

Curing Type	Drying and curing (water-based acrylic)
Form	Paste
Surface Curing Time	Within 200min. (23°C, 50%RH)
Full Curing Time	14~28days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.6

After Curing

ASTM D2240 (Shore A)	30~40
ASTM D412 Maximum Tensile Strength	0.1~0.3 N/mm ²
ASTM D412 Maximum Elongation	100~200%
Movement Tolerance	±12.5%

* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.



INNO PAIR SEAL

Silicone Sealant for Double-Glazed Glass Easy to use Single-Component Silicone Sealant for Double-Glazed Glass

Colors White, Black

Packaging Size 500ml Sausage-type

FEATURES

- Quick curing time facilitates next-day shipping
- Convenient to use as a single-component product with minimal waste
- Sausage-type packaging reduces post-use waste like empty containers
- Excellent adhesion to glass and aluminum (spacers)
- Outstanding heat and cold resistance (retains elasticity in the range of -50 to 150°C after curing)
- Compliant with the Ministry of Environment's Indoor Air Quality Management Act.

PROPERTIES

Before Curing		After Curing	
Curing Type	Neutral	ASTM D2240 (Shore A)	30~40
Form	Paste	ASTM D412 Maximum Tensile Strength	0.9~1.4 N/mm ²
Surface Curing Time	10~20min. (23°C, 50%RH)	ASTM D412 Maximum Elongation	400~600%
Full Curing Time	3~5days	Movement Tolerance	±25%
Working Temperature Range	5~40°C (Substrate Temperature)		
Specific Gravity	1.37		

APPLICATIONS

- For secondary sealing of general residential double glazed glass
 - ※ Not suitable for use as a second sealant for structural double-glazed glass.
 - ※ Use in conjunction with primary sealant, such as butyl (polyisobutylene).



※ The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

※ Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.

DS 6699

Silicone Sealant for Double-Glazed Glass

Easy to use and Economical Single-Component Sealant Supplied with a Drum Pump to Enhance Convenience in Double-Glazed Glass Production

Colors

Black, White

FEATURES

- Quick curing time
- Easy to use as a single-component product
- Excellent adhesion to glass and aluminum (spacers)
- Excellent weather resistance
- Excellent ozone and UV resistance
- Suitable for all seasons
- Applicable Temperature: -48~150°C

- Cost savings due to minimal sealant waste

This eliminates sealant loss that can occur with the operation of pumps used for two-component poly-sulfide (Thiokol) or polyurethane sealants. Compared to sausage-type or cartridge-filled sealants, it significantly reduces the cost of purchasing sealant.

- Time and workforce savings

Using the sealant dispenser attached to the pump for direct filling avoids the dual time waste of transferring sealant to a separate filling gun for caulking. The pump is easy to operate, requires no cleaning before or after use, and does not generate maintenance issues,

APPLICATIONS • For secondary sealing of residential double-glazed glass * Not suitable for structural use.

PROPERTIES

Before Curing	
Curing Type	Neutral
Form	Paste
Surface Curing Time	20~30min. (23°C, 50%RH)
Full Curing Time	3~5days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.37

After Curing	
ASTM D2240 (Shore A)	30~40
ASTM D412 Maximum Tensile Strength	1.0~1.5 N/mm ²
ASTM D412 Maximum Elongation	400~600%



* 상기자료 및 수치는 당사의 표준시험규격에 의한 것으로 보증을 위해서는 사용될 수 없습니다.

* 피착재의 재질에 따라 부착력에 차이가 있을 수 있으므로 적용할 자재에 사전에 접착력 시험 후 적용하시기 바랍니다.

DSG 3110

Silicone Sealant for Double-Glazed Glass(2-Part)

Adjustable Curing Speed, Excellent Weather Resistance and Durability, Minimized Losses by Delaying Initial Curing Time to Reduce Sealant Consumption During Work Breaks

FEATURES

- Excellent adhesion to glass, aluminum, and galvanized steel spacers
- Excellent extrusion speed even at low pump pressure
- Excellent filling and tooling
- Reduces unnecessary sealant consumption during work breaks, leading to cost savings
- Improved slip resistance reduces risks during work
- Excellent heat and cold resistance (retains elasticity in the range of -50 to 150°C after curing)

APPLICATIONS

- For Secondary Sealing of Residential Double-glazed Glass

* Not suitable for structural use.

PROPERTIES

Before Curing	
Base	Color-White
Specific Gravity	1.38
Curing Agent	Color-Black
Specific Gravity	1.20
Mixing Ratio by Weight	(Base: Curing Agent) 1:10
Working Temperature Range	5~40°C

After Curing	
ASTM D2240 (Shore A)	35~45
ASTM D412 Maximum Tensile Strength	1.0~1.5 N/mm ²
ASTM D412 Maximum Elongation	320%
Movement Tolerance	60~80min



* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.



INNOSEAL 1199MS

Fire-Resistant Modified Sealant

Excellent Fire-Resistant Modified Sealant That Delivers Effective Performance in Fire-Rated Areas

Colors

Black, Grey

Packaging Size

270ml Cartridge

FEATURES

- Excellent fire-resistant performance
- Paintable (Note: Painting issues such as poor adhesion or discoloration may occur depending on the type of paint and application method, so please test before application.)
- Meets Industry Standards (KS F 4910)

* Compliant with the performance standards for fire-resistant filling structures as specified by the Ministry of Land, Infrastructure and Transport (for details, refer to the test report).

APPLICATIONS

- Areas requiring fire resistance, waterproofing, moisture resistance, and dust protection
- Sealing penetrations for wiring, exhaust ducts, and conduit pipes
- Reinforcement of power facilities such as power plants and substations
- Joint sealing in fire-rated zones of various buildings
- Sealing penetrations for pipes and electrical cables
- Emergency exit covers

PROPERTIES

Before Curing		After Curing	
Curing Type	Neutral	ASTM D2240 (Shore A)	30~40
Form	Paste	ASTM D412 Maximum Tensile Strength	1.4~1.8 N/mm ²
Surface Curing Time	10~30min. (23°C,50%RH)	ASTM D412 Maximum Elongation	250~450%
Full Curing Time	15days	Movement Tolerance	±25%
Working Temperature Range	5~40°C (Substrate Temperature)		
Specific Gravity	1.6		



* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.

INNOSEAL 1199S

Fire-Resistant Silicone Excellent Fire-Resistant Sealant that Delivers Effective Performance in Fire-Rated Areas

Colors Grey, Black

Packaging Size 270ml Cartridge

FEATURES

- Exceptional fire resistance, waterproofing, moisture resistance, and soundproofing performance
- Adheres to various materials without the need for a primer
- Outstanding durability with excellent sealing even during expansion and contraction
- Meets Industry Standards (KS F 4910)
 - Compliant with the performance standards for fire-resistant filling structures as specified by the Ministry of Land, Infrastructure and Transport (for details, refer to the test report)
- Compliant with the Ministry of Environment's Indoor Air Quality Management Act.

PROPERTIES

Before Curing

Curing Type	Neutral
Form	Paste
Surface Curing Time	5~10min. (23°C, 50%RH)
Full Curing Time	7~15days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.34

After Curing

ASTM D2240 (Shore A)	40~50
ASTM D412 Maximum Tensile Strength	1.8~2.3 N/mm ²
ASTM D412 Maximum Elongation	300~500%
Movement Tolerance	±25%

APPLICATIONS

- waterproofing, moisture resistance, dust protection, and soundproofing
- Sealing penetrations for wiring, exhaust ducts, and conduit pipes
- Reinforcement of power facilities such as power plants and substations
- Joint sealing in fire-rated zones of various buildings
- Sealing penetrations for pipes and electrical cables
- Emergency exit covers



* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.

INNOSEAL 1199A

Fire-Resistant Acrylic Excellent Fire-Resistant Acrylic Sealant that Delivers Effective Performance in Fire-Rated Areas

Colors Grey, Black

Packaging Size 270ml Cartridge

FEATURES

- Excellent fire-resistant performance
- Paintable (Note: Painting issues such as poor adhesion or discoloration may occur depending on the type of paint and application method, so please test before application.)
- Adheres to various materials without the need for a primer
- Water-Based
- Meets Industry Standards (KS F 4910)
 - Compliant with the performance standards for fire-resistant filling structures as specified by the Ministry of Land, Infrastructure and Transport (for details, refer to the test report)
- Compliant with the Ministry of Environment's Indoor Air Quality Management Act.

PROPERTIES

Before Curing

Curing Type	Drying and curing (water-based acrylic)
Form	Paste
Surface Curing Time	10~40min. (23°C, 50%RH)
Full Curing Time	14~15days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.5

APPLICATIONS

- Sealing penetrations for wiring, exhaust ducts, and conduit pipes
- Reinforcement of power facilities such as power plants and substations
- Joint sealing in fire-rated zones of various buildings
- Sealing penetrations for pipes and electrical cables
- Sealing of electrical rooms, computer rooms, laboratories, etc.



* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.



INNOSEAL 739

Heat-Resistant Silicone

High-Performance Acrylic Sealant with Excellent Elasticity for Areas Requiring High Temperatures, such as Boilers and Heaters

Colors Grey, Red

Packaging Size 270ml Cartridge

FEATURES

- Usable continuously from -55°C to 260°C
- Intermittently usable up to 310°C
- Bonds to various materials such as metal, glass, and plastic without the need for a primer
- Excellent weather resistance and chemical resistance
- Superior electrical properties
- Compliant with the Ministry of Environment's Indoor Air Quality Management Act.

APPLICATIONS

- Boilers, heaters, oven belts, industrial ovens
- Insulation for motor, transformer, and other entry and exit ports
- Flange sealing for outdoor equipment
- Engine rotation seals for automobiles and ships
- Airtight seals for waterproofing and soundproofing instruments
- General adhesion for metals, glass, plastics, and wood



PROPERTIES

Before Curing

Curing Type	Neutral
Form	Paste
Surface Curing Time	10~40min. (23°C, 50%RH)
Full Curing Time	3~7days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.25

After Curing

ASTM D2240 (Shore A)	30~40
ASTM D412 Maximum Tensile Strength	1.7~2.2 N/mm ²
ASTM D412 Maximum Elongation	400~600%
Movement Tolerance	±25%

* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.

INNOSEAL 221

Liquid Flowable Silicone

Flowable Silicone Sealant with Excellent Workability and Electrical Insulation Properties

Colors Translucent

Packaging Size 270ml Cartridge

FEATURES

- Quick curing time
- Excellent workability
- Excellent weather resistance
- Applicable Temperature: -48~150°C
- Excellent flowability

APPLICATIONS

- Adhesion and sealing of electrical and electronic components
- Sealing for refrigeration, freezing, and air conditioning equipment
- Joint sealing for automotive, marine, rail, and chassis components



PROPERTIES

Before Curing

Curing Type	Neutral
Form	Flowable Liquid
Surface Curing Time	5~30min. (23°C, 50%RH)
Full Curing Time	5~7days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.0

After Curing

ASTM D2240 (Shore A)	5~15
ASTM D412 Maximum Tensile Strength	0.4~1.0N/mm ²
ASTM D412 Maximum Elongation	200~400%
ASTM D257 Volume Resistance	4.84 x 10 ¹⁵ Ωcm
ASTM C149 Dielectric breakdown strength	18.3KV/mm
ASTM D150 Permittivity	3.70 F/m (100Hz)
Thermal Conductivity (Hot Wire)	0.286W/(m·k)

* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.

SUPER GLUE SPEED

Fast-Curing Modified Sealant

Excellent Fast-Curing Modified Sealant that Delivers Superior Adhesion Performance to a Variety of Materials

Colors

White

Packaging Size

270ml Cartridge

FEATURES

- Fast curing time
- Non-contaminating
- Paintable (Note: Painting issues such as poor adhesion or discoloration may occur depending on the type of paint and application method, so please test before application.)

APPLICATIONS

- Interior and exterior crack repair
- Adhesion to various materials such as stone, panels, PVC tiles, and ceramics



PROPERTIES

Before Curing

Curing Type	Neutral
Form	Paste
Surface Curing Time	10~20min. (23°C, 50%RH)
Full Curing Time	7~15days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.50±0.02

After Curing

ASTM D2240 (Shore A)	55~65
ASTM D412 Maximum Tensile Strength	1.5~2.0 N/mm ²

* 상기자료 및 수치는 당사의 표준시험규격에 의한 것으로 보증을 위해서는 사용될 수 없습니다.

* 피착재의 재질에 따라 부착력에 차이가 있을 수 있으므로 적용할 자재에 사전에 접착력 시험 후 적용하시기 바랍니다.

GLITTER SEALANT

Dedicated to Luxury Interior Decoration Glitter Silicone for Luxury Interior Decoration

Colors

Gold Glitter

Silver Glitter

White Glitter

FEATURES

- Specifically designed for luxury interior decoration with exceptional aesthetic appeal
- Excellent weather resistance, heat resistance, and water resistance

APPLICATIONS

- Dedicated to luxury interior decoration
- Around bathtubs and sinks in bathrooms
- Areas around sanitary ware in high-temperature and high-humidity environments
- Tile and sink joints
- Interior molding
- Gold, silver, white pearl

PROPERTIES

Before Curing

Curing Type	Neutral
Form	Paste
Surface Curing Time	10~20min (23°C, 50%RH)
Full Curing Time	7~10days
Working Temperature Range	5~40°C (Substrate Temperature)
Specific Gravity	1.02



* The data and figures provided are based on the Company's standard testing specifications and are not intended as guarantees.

* Adhesion strength may vary depending on the substrate material, so an adhesion test is required on the materials to be used before application.

Other Item List

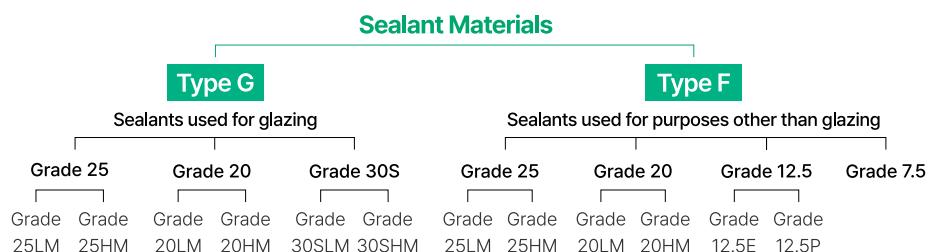
Nozzle						Spatula		
Sausage Nozzle 16mm,20mm	Standard Nozzle	Multi-Type Sausage Nozzle	Wide Nozzle	Modified Nozzle	Funnel Nozzle	Steel spatula (Large, Medium, Small, Mini)	Bamboo Spatula (Large, Medium, Small, Mini)	Professional Spatula
								
Plastic Gun						Power Gun		
One-Cutting Special Gun 30EA/BOX		Fischer Young Steel Gun 30EA/BOX		Ultra Rotating Gun 15EA/BOX		Masking Tape		
Fischer Young Half-Moon Gun 30EA/BOX		Super Power Rotating Gun 20EA/BOX			Winter : 15mm X 80EA Summer : 15mm X 80EA			
Urethane Caulking Gun						Sausage Gun		
P-Special Gun 30EA/BOX		DAWOO Foam Gun 100 (Standard)		Urethane Caulking Gun (500ml, 600ml)		Pneumatic Power Sausage Gun		
Urethane Foam Gun						Handy Sausage Gun (P-Type, M-Type)		
Foam Gun 33208 Fischer		DAWOO Foam Gun Pro (Premium)						
Super Power Foam Gun								

KS F 4910 Standards

Types of Sealants

Grade	Enlargement/Reduction Ratio % of Joint Width in Testing	Behavioral Tracking %
25	±25.0	25
20	±20.0	20
12.5	±12.5	12.5
7.5	±7.5	7.5
30S	Bidirectional 30.0 ^a	30 ^a

* a) Indicates shear deformation relative to the joint width.



Sealant Performance

1 Type G Grades

Properties		Grade						Test Method	
		25LM	25HM	20LM	20HM	30SLM	30SHM	KS F 2621	
Slump		mm		Vertical Ratio					
		Horizontal Ratio		3 or less					
Elastic Recovery		%		3 or less					
				60 or more					
Tensile Characteristics		Extension Ratio of Joint Width ^b %		200(M ₁₀₀)		160(M ₆₀)			
Tensile Stress N/mm ²		23°C		0.4 or less	0.4 exceeding ^c	0.4 or less	0.4 exceeding ^c	0.4 or less	0.4 exceeding ^c
		-20°C		0.6 or less	0.6 exceeding ^c	0.6 or less	0.6 exceeding ^c	0.6 or less	0.6 exceeding ^c
Adhesion under Constant Extension		Should not be failed ^d .							4.4 ^a
Adhesion after Compression Heating and Tensile Cooling		Should not be failed ^e .							4.5 ^a
Adhesion after Artificial Light Exposure		Should not be failed ^d .							4.7 ^a
Adhesion under Constant Extension after Immersion in Water		Should not be failed ^d .							4.8 ^a
Compression Stress N/mm ²		Report the results of the test.							4.10 ^a
Volume Loss %		10 or less							4.11 ^a

a) Testing conditions should follow to section 7.

b) The extension ratio of the joint width is based on an initial joint width of 100%, so 200% represents a joint width of 24.0 mm, and 160% represents a joint width of 19.2 mm. Meanwhile, the tensile stress at extension ratio of 200% or 160% is equivalent to the tensile stress at extension ratio of 100% or 60%, respectively. These can be referred to as 100% tensile stress or 60% tensile stress, and abbreviated as M100 or M60.

c) For this grade, any value meeting 23°C or -20°C is acceptable.

d) Failure conditions should follow section 7.1(c).

e) Failure conditions should follow section 7.1(d).

2 Type F Grades

Properties		Grade						Test Method					
		25LM	25HM	20LM	20HM	12.5E	12.5P	7.5	KS F 2621				
Slump		mm		Vertical Ratio									
		Horizontal Ratio		3 or less									
Elastic Recovery		%		70 or more		60 or more		40 or more	40 or more				
						-		-					
Tensile Characteristics		Extension Ratio of Joint Width ^b %		200(M ₁₀₀)		160(M ₆₀)		-					
Tensile Stress N/mm ²		23°C		0.4 or less	0.4 exceeding ^c	0.4 or less	0.4 exceeding ^c	-					
		-20°C		0.6 or less	0.6 exceeding ^c	0.6 or less	0.6 exceeding ^c	-					
Extension Ratio at Failure ^e %		-		-		100 or more		20 or more					
Adhesion under Constant Extension		Should not be failed ^d .							4.4 ^a				
Adhesion after Compression Heating and Tensile Cooling		Should not be failed ^e .							4.5 ^a				
Adhesion After Artificial Light Exposure		-							4.6 ^a				
Adhesion under Constant Extension after Immersion in Water		Should not be failed ^d .							4.8 ^a				
Extension Ratio at Adhesive Failure after Immersion in Water ^f		-		-		100 or more		20 or more					
Volume Loss %		10 or less ^g		-		25 or less		-					

a) Testing conditions should follow to section 7.

b) The extension ratio of the joint width is based on an initial joint width of 100%, so 200% represents a joint width of 24.0 mm, and 160% represents a joint width of 19.2 mm. Meanwhile, the tensile stress at extension ratios of 200% or 160% corresponds to the tensile stress at extension ratios of 100% or 60%, respectively. Therefore, these can be referred to as 100% tensile stress or 60% tensile stress, and abbreviated as M100 or M60.

c) For this grade, any value meeting 23°C or -20°C is acceptable.

d) Failure conditions should follow section 7.1(c).

e) Failure conditions should follow section 7.1(d).

f) The extension ratio at failure is the ratio of the deformation amount minus the initial joint width.

g) Water-dispersible sealants should be 25% or less.

Comparison of Sealant Types and Application Method

Category	Advantages		Disadvantages	
OIL-BASED CAULKING MATERIAL	<ul style="list-style-type: none"> Low cost Convenient to use as a single-component. 		<ul style="list-style-type: none"> Short product lifespan (approximately 3-5years) No elasticity after drying 	<ul style="list-style-type: none"> Slow curing Volume shrinkage Loss of adhesion, cracking
BUTYL SEALANT	<ul style="list-style-type: none"> Low cost Long product shelf life Good adhesion 	<ul style="list-style-type: none"> Convenient to use as a single-component. 	<ul style="list-style-type: none"> Sticky at high temperatures Cracking easily occurs in winter Low elasticity and recovery ($\pm 7.5\%$) 	<ul style="list-style-type: none"> Short lifespan (approximately 5years) Heating required during caulking
ACRYLIC SEALANT	<ul style="list-style-type: none"> Low cost Excellent paintability 	<ul style="list-style-type: none"> Good for joints with no movement Convenient to use as a single-component. 	<ul style="list-style-type: none"> Freezes in winter, making it unusable Low elasticity ($\pm 12.5\%$) 	<ul style="list-style-type: none"> Poor adhesion Short lifespan (approximately 5years)
POLYSULFIDE SEALANT	<ul style="list-style-type: none"> Good for general double-glazed glass production Good elasticity ($\pm 25\%$) Good lifespan (approximately 10-20 years) 		<ul style="list-style-type: none"> Cracking due to UV exposure Primer required High cost 	<ul style="list-style-type: none"> Difficult to cure at low temperatures Inconvenient to use as a two-component system
POLYURETHANE SEALANT	<ul style="list-style-type: none"> Good price Excellent tear strength Good lifespan (approximately 10-20 years) 	<ul style="list-style-type: none"> Good elasticity ($\pm 25\%$) 	<ul style="list-style-type: none"> Slow curing Cracking due to UV exposure Primer required 	<ul style="list-style-type: none"> High tendency for yellowing Inconvenient to use as a two-component system
MODIFIED SILICONE SEALANT	<ul style="list-style-type: none"> Good lifespan (approximately 10-20years) Good elasticity ($\pm 25\%$) Contains approximately 2% silicone components 	<ul style="list-style-type: none"> Excellent paintability Good weather resistance 	<ul style="list-style-type: none"> Quite slow curing Primer required Limited product range 	
SILICONE SEALANT	<ul style="list-style-type: none"> Semi-permanent lifespan (over approximately 20 years) Excellent resilience (-50 to +100%) Excellent adhesion Fast curing 	<ul style="list-style-type: none"> Excellent heat resistance (150°C) No deformation from UV exposure Convenient to use as a single-component 	<ul style="list-style-type: none"> Not paintable High cost Tear strength weaker than PU Moisture required for curing 	

Application Method

STEP 01	STEP 02	STEP 03	STEP 04
Joint Cleaning	Back-Up Material Insertion	Masking Tape Application	Primer Application
Dust and impurities should be completely removed, and there should be no moisture or grease. (Use solvents for contamination removal.)	Insert a back-up material that is 20-30% larger than the joint width into the joint to prevent three-sided adhesion.	Attach masking tape on both sides of the joint to prevent contamination around the joint.	Select the appropriate primer and apply it evenly to the substrate, allowing it to dry for at least 30 minutes. (Apply primer only if needed.)
STEP 05	STEP 06	STEP 07	STEP 08
Sealant Filling	Surface Smoothing	Masking Tape Removal	Post-Application Cleaning
Fill the joint with sealant without gaps to avoid trapping air bubbles	Immediately after filling, use a spatula or appropriate tool that matches the specifications to smooth the surface.	Remove the masking tape at a 40° - 60° angle before the sealant surface cures.	After application, remove the sealant around the joint with a solvent, and immediately wipe the application tools with a cloth. Then, wash them with the appropriate cleaning agent.

Consumption Amount

Joint Size(mm)	Sealant Usage per Meter(M)	
Width X Depth	Sealant Usage per Meter (L)	Sealing Length(M) per Cartridge (300ml basis)
3 X 3	0.009	33.3
4 X 4	0.016	18.8
5 X 5	0.025	12.0
6 X 6	0.036	8.3
8 X 8	0.064	4.6
10 X 5	0.05	6.0
10 X 10	0.1	3.0
15 X 10	0.15	2.0
15 X 15	0.23	1.3
20 X 10	0.2	1.5
20 X 15	0.3	1
20 X 20	0.4	0.7
30 X 10	0.3	1
30 X 15	0.45	0.7
30 X 20	0.6	0.5
40 X 10	0.4	0.8
40 X 20	0.8	0.4
40 X 30	1.2	0.3
50 X 10	0.5	0.6
50 X 20	1	0.3
50 X 30	1.5	0.2

Silicone Color Chart

ITEM COLOR	INNO SEAL 799	INNO SEAL 988	INNO SEAL 792	INNO SEAL 1000	MS 704	INNO SEAL GP-1	PREMIUM INNO SEAL GP-1	INNO SEAL BIO 707	PREMIUM INNO SEAL BIO 707	INNO SEAL 386	PREMIUM INNO SEAL 386	INNO PAIR SEAL	DS 6699	DS 7000	INNO SEAL 1199	INNO SEAL 739	INNO SEAL 221
TRANSLUCENT																	
WHITE																	
GREY	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●
BRONZE	●	●	●	●		●	●	●	●								
BLACK	●	●	●	●		●	●	●				●	●				
GREEN		●		●	●	●											
IVORY	●	●	●	●	●	●	●	●	●	●	●						
WOOD						●	●										
CHERRY						●	●										
RED						●	●									●	
GOLD						●	●										
BLUE						●	●										
LIME STONE		●															
RED STONE		●															
LIGHT IVORY						●	●										

Special Color

ITEM COLOR	Light Wood L.WOOD	Light Grey L.GREY	Light Blue L.BLUE	Dark Blue D.BLUE	WAL- NUT	Dark Grey D.GREY	Red Grey R.GREY	Blue Grey B.GREY	Dark Gold D.GOLD	Dark Cherry D.CHERRY	Dark Bronze D.BRONZE	Oak OAK-WOOD	Black Bronze B.BRONZE	Light Bronze L.BRONZE	Light Black L.BLACK	AL ALUMINUM
INNOSEAL GP-1	●	●	●	●	●	●			●	●		●				●
PREMIUM INNOSEAL GP-1	●	●	●	●	●	●			●	●		●				●
INNOSEAL 988		●				●	●	●		●		●	●	●	●	

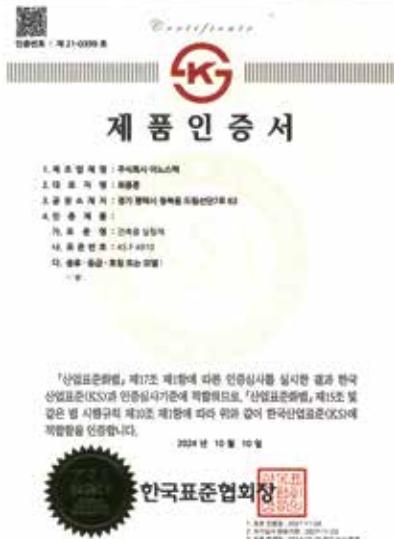
988 Special Colors - Dark Grey (D. GREY), Light Grey (L. GREY), Light Black (L. BLACK), Dark Bronze (D. BRONZE), Red Bronze (R. BRONZE), Lihgt Bronze (L.BRONZE)

* GREENsil 808 can be custom-colored in special colors, so please inquire when placing an order.

* Please note that the above color chart is printed, and there may be differences from the actual product colors (refer to the separate color chart distributed by the Company).

KS, ISO, Laboratory Approval, Patent etc

Korea Certification



R&D Center Certification



INNOSPEC Co., Ltd.

www.innospec.co.kr

Address 63, Dreamsandan 7-ro, Cheongbuk-eup, Pyeongtaek-si, Gyeonggi-do, Republic of Korea

Tel 031-684-6240

Email innospec@innospec.co.kr

INNOVATION - GLOBALIZATION - RELIABILITY - ACCOUNTABILITY