Product Information
Silicone
Sealants

DOW CORNING

Dow Corning® 790 Silicone Building Sealant

FEATURES

- Excellent performance even in building joints that experience extreme movement
- Suitable for new and remedial construction
- Extension/compression capability of +100/-50 percent

BENEFITS

- Excellent weathering properties and resistance to sunlight, rain, snow, and temperature extremes
- Excellent unprimed adhesion to masonry, concrete substrates
- Easy application over a wide temperature range

COMPOSITION

- Ultra-low-modulus, one-part, neutral-cure silicone sealant

Ultra-low-modulus sealant for new and remedial construction joint sealing applications

APPLICATIONS

Dow Corning® 790 Silicone Building Sealant offers outstanding unprimed adhesion to masonry and is particularly effective for sealing expansion and control joints, precast concrete panel joints, Exterior Insulation and Finish Systems (EIFS) joints, curtainwall joints, mullion joints, stone pavers, and many other construction joints. When used in accordance with Dow Corning application and testing recommendations, the sealant forms a durable, flexible, watertight bond with many common building materials, including combinations of stone, concrete, masonry, granite, marble, aluminum, painted substrates, and glass.

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Test*	Property	Unit	Result
	As Supplied		
ASTM C 679	Tack-Free Time, 50% RH	hours	1
	Curing Time, 50% RH, at 25°C (77°F), 3/8" depth	days	7-14
	Full Adhesion, cured joint	days	14-21
ASTM D 2202	Flow, Sag, or Slump		None
CTM 98 B	Working Time	minutes	10-20
EPA Method 24	VOC Content[1], maximum	g/L	43
	As Cured – After 7 days at 25°C (77°F) and 50% RH		
ASTM C 661	Durometer Hardness, Shore A	points	15
ASTM D 412	Tensile Strength, maximum	psi (kg/mm2)	100 (0.070)
ASTM C 794	Peel Strength	lb/in (kg/cm)	25 (4.46)
ASTM C 1135	Tensile,		
	at 25% extension	psi (kg/mm2)	15 (0.010)
	at 50% extension	psi (kg/mm2)	20 (1.015)
ASTM C 719	Joint Movement Capabilities		
	Extension/Compression	%	+100/-50
ASTM C 1248	Staining, various substrates		None

*ASTM: American Society for Testing and Materials.
CTMs (Corporate Test Methods) correspond to standard ASTM tests in most instances. Copies of CTMs are available upon request.

[1]Based on South Coast Air Quality Management District of California. Maximum VOC is listed both inclusive and exclusive of water and exempt compounds. For a VOC data sheet for a specific sealant color, please send your request to product.inquiry@dowcorning.com.

DESCRIPTION

Suitable for new construction or remedial applications, *Dow Corning* 790 Silicone Building Sealant provides excellent performance, even in building joints that experience extreme movement. It places a low stress on the sealant/substrate bond line to minimize failures in moving joints.

Dow Corning 790 Silicone Building Sealant is available in 11 colors: black, precast white, gray, natural

stone, bronze, adobe tan, blue spruce, rustic brick, sandstone, charcoal, and dusty rose. Custom colors are available upon request.

APPROVALS/ SPECIFICATIONS

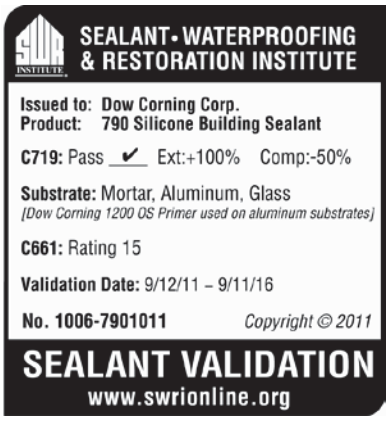
This sealant meets or exceeds the requirements of:

- ASTM Specification C 920, Type S, Grade NS, Class 100/50, Use T, NT, M, G, A, and O
- Many UL wall/floor fire designs, some without a protective cover plate (see www.ul.com for current listing)
- Fire Tests of Building Construction and Materials, UL 263 (ASTM E 119)

Data from an independent test lab and Sealant, Waterproofing and Restoration Institute validation are available from Dow Corning and the SWR Institute. A complete product specification sheet for this product is available upon request.

HOW TO USE

Consult the current version of the Dow Corning Americas Technical Manual, Form No. 62-1112, (available from dowcorning.com/construction) for detailed information on application methods, joint design, field testing, and warranty requirements when using *Dow Corning*® brand sealants. Please contact your local Dow Corning Sales Application Engineer for specific advice.



HANDLING PRECAUTIONS

HANDLING PRECAUTIONS PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEB SITE AT DOWCORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.

USABLE LIFE AND STORAGE

When stored at or below 32°C (90°F), *Dow Corning* 790 Silicone Building Sealant has a shelf life of 12 months from date of manufacture. Refer to product packaging for "Use By" date.

PACKAGING INFORMATION

Dow Corning 790 Silicone Building Sealant is packaged in 10.3-fl oz (305-mL) disposable cartridges that fit ordinary caulking guns, 20-fl oz (590-mL) E-Z Pak foil sausages that fit caulking guns, and also in 2.0- and 4.5-gal (7.5- and 17-L) bulk pails. It can be dispensed by many air-operated guns and most types of bulk dispensing equipment.

LIMITATIONS

Dow Corning 790 Silicone Building Sealant should not be applied:

- In structural applications.
- Below grade or to materials that outgas, which can cause bubbling in curing sealant.
- On brass or copper or other similar material that can be corroded.
- To surfaces that are continuously immersed in water.
- For use as an interior penetration firestop sealing system.
- To building materials that bleed oils, plasticizers, or solvents – materials such as impregnated wood, oilbased caulks, green or partially vulcanized rubber gaskets, or tapes or bituminous below-grade waterproofing and asphalt-impregnated fiberboard.
- In totally confined spaces because the sealant requires atmospheric moisture for cure.
- To surfaces that will be painted after application. The paint film will not stretch with the extension of the sealant and may crack and peel and most likely will not adhere to the sealant.
- To surfaces in direct or indirect contact with food.
- To wet or frost-laden surfaces.
- In applications where solvents or primers are not fully dried prior to sealant application. Uncured sealant is very sensitive to many solvents, primers, and cleaning agents; these may cause the sealant to remain uncured or tacky.

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support Customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our Web site, dowcorning.com or consult your local Dow Corning representative.

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We help you invent the future is a trademark of Dow Corning Corporation.
XIAMETER is a registered trademark of Dow Corning Corporation.
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2011, December 20
Form No. 61-884N-01

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

DOW CORNING SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

A 20-year Weatherseal Limited Warranty is available. Some testing may be required. Consult your Dow Corning Sales Application Engineer for details.

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dowcorning.com

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2011, December 20
Form No. 61-884N-01

DOW CORNING

DOW CORNING CORPORATION
Material Safety Data Sheet

Version: 1.7
Revision Date: 2010/10/11

DOW CORNING(R) 790 SILICONE BUILDING SEALANT, GRAY

1. PRODUCT AND COMPANY IDENTIFICATION

Dow Corning Corporation
South Saginaw Road
Midland, Michigan 48686

24 Hour Emergency Telephone: (989) 496-5900
Customer Service: (989) 496-6000
Product Disposal Information: (989) 496-6315
CHEMTREC: (800) 424-9300

MSDS No.: 01397737
Revision Date: 2010/10/11

Generic Description: Silicone elastomer
Physical Form: Paste
Color: Gray
Odor: Amine-like odor

NFPA Profile: Health 2 Flammability 1 Instability/Reactivity 0

Note: NFPA = National Fire Protection Association

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Acute Effects

Eye: Direct contact may cause moderate irritation.

Skin: May cause mild irritation.

Inhalation: Irritates respiratory passages very slightly.

Oral: Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects

Skin: Repeated or prolonged exposure may irritate seriously.

Inhalation: Overexposure by inhalation may injure the following organ(s): Testes. Liver. Pancreas. Spleen.

Oral: Overexposure by ingestion may injure the following organ(s): Pancreas. Liver. Spleen. Testes.

Signs and Symptoms of Overexposure

No known applicable information.

Medical Conditions Aggravated by Exposure

No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number	Wt %	Component Name
50791-87-2	1.0 - 5.0	Methylvinyl bis(n-methylacetamido) silane
68952-53-4	1.0 - 5.0	Dimethyl, methylethyl-N-hydroxyethamine siloxane

The above components are hazardous as defined in 29 CFR 1910.1200.

4. FIRST AID MEASURES

Eye:	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 - 20 minutes while holding the eyelid(s) open. If contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately obtain medical attention.
Skin:	As quickly as possible remove contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Quickly and gently blot or brush away excess chemical. Immediately flush with lukewarm gently flowing water for 15 minutes. Completely decontaminate clothing, shoes and leather goods before reuse or discard. Obtain medical attention.
Inhalation:	Remove from the source of contamination or move to fresh air. If irritation persists, obtain medical advice.
Oral:	If irritation or discomfort occur, obtain medical advice.
Notes to Physician:	Treat according to person's condition and specifics of exposure.

5. FIRE FIGHTING MEASURES

Flash Point:	Not applicable.
Autoignition Temperature:	Not determined.
Flammability Limits in Air:	Not determined.
Extinguishing Media:	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.

Fire Fighting Measures:	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Unusual Fire Hazards:	None.

6. ACCIDENTAL RELEASE MEASURES

Containment/Clean up:	Observe all personal protection equipment recommendations described in Sections 5 and 8. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

Note: See Section 8 for Personal Protective Equipment for Spills. Call (989) 496-5900, if additional information is required.

7. HANDLING AND STORAGE

Use with adequate ventilation. Product evolves N-methyl acetamide when exposed to water or humid air. Provide ventilation during use to control N-methyl acetamide within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed. Do not take internally.

Keep container closed and store away from water or moisture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

CAS Number	Component Name	Exposure Limits
50791-87-2	Methylvinyl bis(n-methylacetamido) silane	See N-methyl acetamide comments.

N-methyl acetamide is formed on contact with water or humid air. Provide adequate ventilation to control exposures to within Dow Corning recommended exposure guidelines of 1 ppm (TWA) and 5 ppm (Excursion Limit).

Engineering Controls

Local Ventilation:	Recommended.
General Ventilation:	Recommended.

Personal Protective Equipment for Routine Handling

Eyes:	Use proper protection - safety glasses as a minimum.
Skin:	Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.
Suitable Gloves:	Avoid skin contact by implementing good industrial hygiene practices and procedures. Select and use gloves and/or protective clothing to further minimize the potential for skin contact. Consult with your glove and/or personnel protective equipment manufacturer for selection of appropriate compatible materials.
Inhalation:	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. IH personnel can assist in judging the adequacy of existing engineering controls.
Suitable Respirator:	General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

Personal Protective Equipment for Spills

Eyes:	Use full face respirator.
Skin:	Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.
Inhalation/Suitable Respirator:	Respiratory protection recommended. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MHSA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.
Precautionary Measures:	Avoid eye contact. Avoid skin contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed. Do not take internally. Use reasonable care.
Comments:	Product evolves N-methyl acetamide when exposed to water or humid air. Provide ventilation during use to control N-methyl acetamide within exposure guidelines or use respiratory protection.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Paste
Color:	Gray
Odor:	Amine-like odor
Specific Gravity @ 25°C:	1.48
Viscosity:	Not determined.
Freezing/Melting Point:	Not determined.
Boiling Point:	Not determined.
Vapor Pressure @ 25°C:	Not determined.
Vapor Density:	Not determined.
Solubility in Water:	Not determined.
pH:	Not determined.
Volatile Content:	Not determined.
Flash Point:	Not applicable.
Autoignition Temperature:	Not determined.
Flammability Limits in Air:	Not determined.

Note: The above information is not intended for use in preparing product specifications. Contact Dow Corning before writing specifications.

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Conditions to Avoid:	None.
Materials to Avoid:	Oxidizing material can cause a reaction. Water, moisture, or humid air can cause hazardous vapors to form as described in Section 8.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Metal oxides. Formaldehyde. Silicon dioxide. Nitrogen oxides. Quartz.

11. TOXICOLOGICAL INFORMATION

Component Toxicology Information

Contains Bis(N-methyl acetamido)silane which liberates N-methylacetamide (NMA) during cure. NMA has been shown to cause birth defects in laboratory animals.

Special Hazard Information on Components

No known applicable information.

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

Ecotoxicity Classification Criteria

Hazard Parameters (LC50 or EC50)	High	Medium	Low
Acute Aquatic Toxicity (mg/L)	<=1	>1 and <=100	>100
Acute Terrestrial Toxicity	<=100	>100 and <= 2000	>2000

This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993.

This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section concerning the overall ecological safety of this material.

13. DISPOSAL CONSIDERATIONS

RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No

State or local laws may impose additional regulatory requirements regarding disposal. Call (989) 496-6315, if additional information is required.

14. TRANSPORT INFORMATION

DOT Road Shipment Information (49 CFR 172.101)

Not subject to DOT.

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations.

Call Dow Corning Transportation, (989) 496-8577, if additional information is required.

15. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances (40 CFR 355):
None.

Section 304 CERCLA Hazardous Substances (40 CFR 302):

CAS Number	Wt %	Component Name
68-12-2	0.7	Dimethylformamide
1330-20-7	0.15	Xylene

Section 311/312 Hazard Class (40 CFR 370):

Acute: Yes
Chronic: Yes
Fire: No
Pressure: No
Reactive: No

Section 313 Toxic Chemicals (40 CFR 372):

CAS Number	Wt %	Component Name
68-12-2	0.7	Dimethylformamide

Note: Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.

Supplemental State Compliance Information

California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

None known.

Massachusetts

CAS Number	Wt %	Component Name
1317-65-3	40.0 - 70.0	Limestone
546-93-0	1.0 - 5.0	Magnesium carbonate

New Jersey

CAS Number	Wt %	Component Name
1317-65-3	40.0 - 70.0	Limestone
70131-67-8	40.0 - 70.0	Dimethyl siloxane, hydroxy-terminated
50791-87-2	1.0 - 5.0	Methylvinyl bis(n-methylacetamido) silane
68952-53-4	1.0 - 5.0	Dimethyl, methylethyl-N-hydroxyethamine siloxane
546-93-0	1.0 - 5.0	Magnesium carbonate
14808-60-7	<1.0	Quartz

Pennsylvania

CAS Number	Wt %	Component Name
1317-65-3	40.0 - 70.0	Limestone
70131-67-8	40.0 - 70.0	Dimethyl siloxane, hydroxy-terminated

16. OTHER INFORMATION

Prepared by: Dow Corning Corporation

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

(R) indicates Registered Trademark

DOW CORNING

To: Dow Corning Customer

Reference: Sealant Certification for:
***DOW CORNING*® 790 SILICONE BUILDING SEALANT**

***DOW CORNING*® 790 SILICONE BUILDING SEALANT,** meets or exceeds the following specifications

- ASTM C 920, Standard Specification for Elastomeric Joint Sealants, Type S, Grade NS, Class 100/50, Use T, NT , M, G, A, and O.
- Federal Specification TT-S-001543A (COM-NBS) Class A for silicone building sealants
- Federal Specification TT-S-00230C (COM-NBS) Class A for one component building sealants
- Fire Test of Building Construction and Materials UL 263 (ASTM E119)
- ASTM C719: +100% and -50% Movement
- SWRI Sealant Validation, Pass ✓ Extension 100% Compression -50%
- USDA Authorized in six colors for sealant non-food contact areas in USDA regulated facilities

On behalf of Dow Corning Corporation, we appreciate your business and your commitment to silicone technology. If you have any further questions, please feel free to contact us.

Sincerely,

DOW CORNING CORPORATION
Distributor Resource Center, Construction
800 346 9882 Option 2
Construction@dowcorning.com

DOW CORNING

ENVIRONMENTAL PRODUCT INFORMATION

FOR LEED® GREEN BUILDING CERTIFICATION PROGRAM

LEED PROJECT INFORMATION

Thank you for your LEED inquiry. Following is the product information requested.

PRODUCT CONTENT INFORMATION

Materials and Resources Credit 5: This credit relates to 10-20% of the total material cost of products extracted, harvested, or recovered, as well as manufactured, within 500 miles of the building site location. Because of Dow Corning's supply chain and distances between suppliers and manufacturing sites, Dow Corning sealants cannot contribute to this credit.

Materials and Resources Credit 4: The percentage of postconsumer and preconsumer recycled content of Dow Corning sealants, primers, and coatings is zero.

PRODUCT VOC INFORMATION

This document confirms VOC quantitative data of the products listed below, as a contribution toward satisfying IEQ Credit 4 under LEED. Products are not reviewed or certified under LEED. LEED credit requirements cover the performance of materials in aggregate, not the performance of individual products or brands. For more information on LEED, visit www.usgbc.org/leed

	Product Type	Product Manufacturer	Product Name / Model	Product VOC Content	Allowable VOC Content
1	Architectural Sealant	Dow Corning	790 Silicone Building Sealant	30	250
2					
3					
4					

FOR ALL RATING SYSTEMS ASSOCIATED WITH

X	LEED Building Design and Construction
	LEED Interior Design and Construction
	LEED Operations and Maintenance
	LEED for Homes
	LEED for Neighborhood Development

VOC METHOD

X	South Coast SCAQMD Rule #1168 (Sealants)
	South Coast SCAQMD Rule #1113 (Coatings)
X	Bay Area BAAQMD Regulation 8 Rule 51
X	California Specification 01350

LIMITED WARRANTY INFORMATION

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.
Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

DECLARATION HOLDER

The declaration holder is liable for the information and evidence on which this declaration is based.

Name: Chris Gronski
Phone number: 989 496-7788
Email: chris.gronski@dowcorning.com
Occupation: Product Specialist
Dow Corning Office: Corporate
Address: 2200 W Salzburg Rd., Midland, MI 48686

DOW CORNING SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

We help you invent the future.™
dowcorning.com

Document Id -

DOW CORNING ®SILICONE BUILDING SEALANTS LIMITED WEATHERSEAL WARRANTY

Project
Project Name:
Project Address:

Dow Corning

(hereafter referred to as "Dow Corning")

Warranty Recipient / Contractor

Building Owner

Applicable terms and conditions on the following pages.

SAMPLE

Document Id -

DOW CORNING ®SILICONE BUILDING SEALANTS LIMITED WEATHERSEAL WARRANTY

Warranty Number:

Warranty Effective Date:

Warranty Duration: years
hereafter referred to as "Warranty Duration Period"

Dow Corning® Product(s):

hereafter referred to as "Dow Corning® Product"

Thank you for selecting DOW CORNING® brand silicone products for your project.

Dow Corning warrants the Dow Corning® silicone building sealants indicated above will perform as a watertight weatherseal for Warranty Duration Period from the warranty effective date, if:

a. The Dow Corning product is applied in strict compliance with Dow Corning's published or electronic recommended application procedures, and
b. The sealant is used with compatible materials and substrates, and (testing/evaluation is required to obtain this warranty if the surface is not recommended in our Surface Preparation Guide which is available in published or electronic form), and
c. The sealant is applied within its stated shelf life, and
d. Field adhesion tests are made, documented, retained, and submitted to Dow Corning upon written request as outlined in our Field Adhesion Test Procedure in order to confirm adhesion under site conditions.

LIMITATIONS

This Warranty specifically excludes adhesive and/or cohesive failure of the sealant due to:

a. Use of the sealant as a structural or load-bearing sealant.
b. Natural causes including but not limited to lightning, earthquake, hurricane, flooding, tornado, and fire.
c. Improper installation.
d. Movement of the structure resulting in stresses on the sealant which exceed Dow Corning's published specifications for elongation and/or compression for the sealant, including but not limited to structural settlement, design error, or construction error.

And does not cover damage to, or failure of, the sealant due to:

a. Disintegration, deterioration, or failure of the underlying substrates (including but not limited to cracking, blistering, or peeling).
b. Mechanical damage including but not limited to surface abrasion, individuals, tools, vandalism or other outside agents.
c. Changes in appearance of the sealant, including but not limited to, natural weathering (whitening, chalking, fading, staining), the accumulation of dirt or other contaminants deposited on the sealant from the atmosphere, or from incompatible substrates.

SAMPLE

Document Id -

DOW CORNING ®SILICONE BUILDING SEALANTS LIMITED WEATHERSEAL WARRANTY

This warranty excludes costs and damages attributed to mold, mildew and/or fungus.

The warranty also specifically excludes costs and damages resulting from the presence of any hazardous materials in the existing sealants, coatings, substrates, or the environment/location in which the sealant is installed or applied, including but not limited to:

a. Establishing appropriate safe handling procedures for the removal of sealants and/or coatings.
b. Removal or disposal of the existing sealants and/or coatings.
c. Removal or disposal of Dow Corning silicone sealants and/or coatings after installation.

Dow Corning sealants are not intended for encapsulating any hazardous materials.

Dow Corning's warranty does not cover faults attributable to workmanship.

This warranty will be null and void if Dow Corning or the Dow Corning distributor has not received payments for the products used.

REMEDIES

In the event of a claim under this warranty, you must notify Dow Corning within 30 days of the claimed defect and provide Dow Corning with the opportunity to inspect. Dow Corning shall, for Warranty Duration Period from the warranty effective date, be responsible for the cost of replacement sealant to make any warranty-related repairs.

DOW CORNING SHALL NOT BE LIABLE FOR AND EXPRESSLY DISCLAIMS ANY LIABILITY FOR ANY DAMAGE TO THE CONTENTS OF THE STRUCTURE OR FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGE, WHETHER IN CONTRACT OR IN TORT, INCLUDING NEGLIGENCE. THIS WARRANTY SUPERSEDES ALL OTHER WRITTEN OR ORAL, EXPRESS OR IMPLIED WARRANTIES AND DOW CORNING SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE.

This warranty agreement is governed by and construed in accordance with Michigan law.

Transfer of this warranty to a new Owner may be made only if the transfer is acknowledged in writing by Dow Corning to the new Owner. Dow Corning must be notified in writing at time of sale to the new Owner. Dow Corning must be satisfied that the intended use of the structure by the new Owner will not cause detriment to the Dow Corning product(s). If these conditions are not met, then this warranty will be rendered null and void.

The product is sold to you upon and subject to Dow Corning's standard Terms and Conditions of Sale or supply agreement, as applicable (collectively, the "Standard Terms"). However, to the extent there may be a conflict between the terms of any warranty in the Standard Terms and the provisions of this warranty, the provisions of this warranty shall prevail. This Agreement may be modified only in writing signed by both parties. Note: Warranty not in effect unless signed by Dow Corning Corporation.

SAMPLE

Document Id -

DOW CORNING ®SILICONE BUILDING SEALANTS LIMITED WEATHERSEAL WARRANTY

Date :

For questions on this or any other warranty you have with Dow Corning Corporation, please contact the Warranty Administration Department at 989-496-3295 or Fax: 989-496-5324.

SAMPLE

Sealant, Waterproofing & Restoration Institute
400 Admiral Blvd
Kansas City, MO 64106
816.472.7974
info@swrionline.org

Product Name: **790 Silicone Building Sealant**

Submitted by:
Dow Corning
PO Box 994
Midland, MI 48686-0994
k.broker@dowcorning.com
www.dowcorning.com

Test Results

ASTM C719	Adhesion and Cohesion of Elastomeric Joint Sealants Under Cyclic Movement [Hockman Cycle]; Pass: Yes Extension: +100% Compression: -50% Substrate: Mortar, Aluminum, Glass [Dow Corning 1200 OS Primer was Applied to aluminum substrate]
ASTM C661	Means of Durometer Hardness; Shore “A” Durometer Rating: 15

Validation Date: 9/12/2011

Expiration Date: 9/11/2016

Lab Details:
Architectural Testing
130 Derry Court
York, PA 17406-8405
Phone: 717.764.7700
Fax: 717.764.4129

CANNONDESIGN

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB
PROJECT NAME

8274 BIG BEND BLVD
ADDRESS

NUMBER

WEBSTER UNIVERSITY
OWNER

CANNON DESIGN
ARCHITECT / ENGINEER

Joe Voypick
SUBMITTED BY

084423-018
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

084423
SPECIFICATION SECTION / PARAGRAPH

NGG Ltd Inc
MANUFACTURER / SUPPLIER

ITEM / PRODUCT ID

REQUIRED DATE

PRIORITY

CRITICAL

ITEM BEING SUBMITTED (check only one)

- ○ Shop Drawings
- ○ Samples (_____ copies)
- ○ LEED Submittal
- ○ Certification / Qualifications
- ○ Record Documents
- ◉ Product Data
- ○ Coordination Drawing
- ○ Calculations
- ○ Schedules
- ○ O&M Manuals
- ○ Other _____

ITEM BEING SUBMITTED FOR (check only one)

◉ Action ○ Information Only ○ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

PARIC

PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

Joe Voypick
REVIEWED BY

8/8/16
DATE

To be completed by Reviewer

08 4423-018 REV002
CANNON DESIGN SUBMITTAL NUMBER

8/8/16
RECEIVED DATE

- ◉ A. No Exceptions Taken
  No further review of submittal is required.
- ○ B. Make Corrections Noted
  Incorporate corrections in work; resubmission is not required.
- ○ C. Revise and Resubmit
  Revise as noted, and resubmit for review.
- ○ D. Rejected
  Submittal is not in compliance with Contract Documents; provide new submittal.
- ○ E. For Record / Information Only
  Submittal was reviewed for Record / Information purposes only.
- ○ F. Not Required for Review
  Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS ○ See attached sheet(s) for additional comments

Kathy Williams
REVIEWED BY

08/09/16
DATE

PARIC
EXPERIENCE. EXCELLENCE.
77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0178

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 08/08/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Perimeter sealant - DOW

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☑ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	**SENT VIA:**	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☑ Other: Product Data	☐ Separate Cover Via:	☐ Due Date:

Item	*Package*	*Code*	*Rev.*	*Copies*	*Date*	*Description*	*Status*
Submittal		084423-018	2		08/08/2016	Perimeter sealant - DOW	Submitted

NOTES:

CC:

Signed: _____
Devin Gates