Dow Corning® 995
Silicone Structural Sealant

Please check the availability of the different colors.
Custom colors are available on request.
Please refer to product literature for application and technical information.

White / Branco / Blanco / Blanc

Gray / Cinza / Gris / Gris

Black / Preto / Negro / Noir

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The colors shown above may not be available in all container sizes. Please contact your authorized Dow Corning distributor or Dow Corning Corporation for more information.

The colors shown are approximate only. While every precaution is taken to ensure that color standards are maintained, they cannot be guaranteed.

April 2011 Form No.62-1128B-01

995

Dow Corning® 791
Silicone Perimeter Sealant For Weathersealing

- ✓ Superior Primerless Adhesion to Fluoropolymer Paints
- ✓ Exceptional Tear Strength

STANDARD COLORS

White

Precast White

Limestone

Gray

Black

Bronze

Please refer to product literature for application and technical information.

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Form No. 62-608A-01

791

Dow Corning® 790
Silicone Building Sealant

STANDARD COLORS

Precast White / Branco Pálido / Blanco ostión Blanc beton prefabrique

Limestone / Gelo / Cantera / Calcaire

White / Branco / Blanco / Blanc

Natural Stone / Pedra Natural / Cemento / Pierre naturelle

Gray / Cinza / Gris / Gris

Black / Preto / Negro / Noir

Bronze / Bronze / Café obscuro / Bronze

Sandstone / Areia / Arena / Grès

Adobe Tan / Rosa Escuro / Rosa obscuro / Brun adobe

Dusty Rose / Rosa Claro / Rosa claro / Rose sable

Rustic Brick / Tijolo / Ladrillo / Rouille

Blue Spruce / Azul Petróleo / Verde esmeralda / Bleu sapin

Charcoal / Grafite / Grafito / Charbon

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790

Tremco Incorporated
3735 Green Road Beachwood, OH 44122 216.292.5000 www.tremcosealants.com

TREMCO
Commercial Sealants & Waterproofing

June 30, 2016

Scott Dickson
Technical Applications Specialist
P: 216.514.7719
C: 440.522.7623
E: sdickson@tremcoinc.com

Dan Ward
NGG Ltd., Inc.
1850 Craigshire Rd. Suite 202
St. Louis, MO 63146

Re: Spectrem 2 in four-sided structural glazing applications
Job ref: Webster University Interdisciplinary Science Building

Mr. Ward:

It has been brought to the attention of Tremco's technical services that NGG Ltd., Inc. is seeking information regarding the use of Spectrem 2 in four-sided structural glazing applications. Tremco reserves all project-specific recommendations on structural glazing projects for the analysis performed during a structural glazing review of complete shop drawings describing the structure. Historic information regarding the use of Spectrem 2 sealant can be provided, but does not reflect a definitive recommendation provided from Tremco's technical services department; a complete set of shop drawings will need to be provided for such a recommendation.

Historically, Spectrem 2 silicone sealant has been used in both two- and four-sided structural glazing applications, when the installation is in accordance with ASTM C1401 – *Standard Guide for Structural Sealant Glazing*. Based on the provided wind load pressure of 24 psf and glass lite sizes of 59 inches by 129 inches and 59 inches by 96 inches, the calculated minimum surface contact depth is 0.250-inch when installed at a 0.250-inch face clearance.

To provide a recommendation on this specific application Tremco will need to be provided a complete set of shop drawings suitable for a structural glazing review. If you have any questions feel free to contact me directly.

Sincerely,

Scott Dickson
Tremco Technical Services

Tremco Incorporated
3735 Green Road • Beachwood, Ohio 44122 • 216-292-5000 www.tremcosealants.com

Commercial Sealants & Waterproofing

Warranty No: ********
Today's Date: 06/30/2016
Exp: ********

Silicone Sealant Material Warranty

PROJECT NAME	Webster University Interdisciplinary Science Building	**APPLICATOR**	NGG, Ltd.
ARCHITECT/ ENGINEER	Cannon Design	**GENERAL CONTRACTOR**	Paric Construction
OWNER	Webster University	**DATE OF SUBSTANTIAL COMPLETION**	
PRODUCT(S)	Spectrem 2	**TYPE OF WORK**	Structural Glazing & Weatherseals

Tremco Incorporated ("Tremco") hereby warrants to the Owner, subject to the terms, conditions and limitations stated herein, that the Tremco Sealant specified above is free of manufacturing defects and conforms to published physical properties and quality control standards in force at the time product was purchased and, when installed in accordance with Tremco's written Application Instructions and in applications approved by Tremco as suitable for the Product, will have a useful life under normal service conditions for a period of *20 year(s)* from the date of substantial completion.

In the event the Product is proven not to have performed in accordance with the Warranty during the warranty period, the Owner shall immediately notify Tremco and confirm such notice in writing within thirty (30) days. Tremco's sole responsibility under this Warranty shall be, at its option, either to refund the purchase price of or provide sufficient replacement material to replace the non-conforming product, and such refund or replacement shall constitute the limit of the Company's liability and obligation. During the term of this Warranty, agents or employees of Tremco shall be afforded opportunities to inspect any such areas at such time as Tremco may reasonably request.

Tremco makes no warranty with respect to appearance or color.

Tremco's obligations under this Warranty are expressly conditioned upon receipt of full payment for the Product and the Owner's compliance with each of its responsibilities described in this Warranty document. Any delay in full payment to Tremco shall not extend the Warranty Period.

No representative of Tremco has the authority to make any representations or provisions except as stated herein. This Warranty is issued to the above-named Owner and is transferable with the written consent of Tremco.

SAMPLE

THE ABOVE WARRANTY IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, EXCEPT AS EXPRESSLY PROVIDED HEREIN. TREMCO SHALL NOT BE LIABLE FOR DAMAGE TO THE PROJECT STRUCTURE OR INTERIOR CONTENTS OR FOR ANY OTHER CONSEQUENTIAL, SPECIAL OR OTHER DAMAGES ARISING FROM OR RELATED TO, DIRECTLY OR INDIRECTLY, THIS WARRANTY OR THE PERFORMANCE OF THE MATERIALS COVERED BY THIS WARRANTY, WHETHER BASED ON BREACH OF WARRANTY, NEGLIGENCE OR OTHER THEORY OF LIABILITY.

TREMCO INCORPORATED
Commercial Sealants & Waterproofing

Michael J. Soeder, VP Sales, NA

TO EXPEDITE PROCESSING, THIS DOCUMENT WILL BE COMPLETED AND DELIVERED IN ELECTRONIC FORM ONLY. AN ELECTRONIC SIGNATURE FROM A TREMCO REPRESENTATIVE ON A COMPLETED WARRANTY DOCUMENT IS VALID AND BINDING AND IS ENFORCEABLE TO THE SAME EXTENT AS A PENNED SIGNATURE.

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

084423-011
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
7/7/16 — DATE

To be completed by Reviewer

08 4423-011
CANNON DESIGN SUBMITTAL NUMBER

7/7/16
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

Submittal reviewed for color selection only.

Use Dow sealant color at systems per following conditions:

EGS-1:
Black color - interior between glazing (2-side SSG) & wherever sealant touches glazing.
Charcoal color - at periphery
- Sides (between mullion & adjacent system)
- Top & Bottom (between mullion & adjacent system)

EGS-2:
Black color - interior between glazing (4-side SSG) & wherever sealant touches glazing.
Charcoal color - at periphery
- Sides (between mullion & adjacent system)
- Top & Bottom (between mullion & adjacent system)

EGS-2A: Black color at all conditions.

EGS-3:
- systems above level 02 to have sealant color same as EGS-2 system.
- systems below level 02 to have black color sealant at all locations.

Kelvin Patel — REVIEWED BY
Digitally signed by Kelvin Patel
Date: 2016.09.14 16:36:59-05'00'
09/14/2016 — DATE

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

TRANSMITTAL

No. 15051-0122

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 07/07/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Structural Sealant Glazing Color Samples

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:	☐ Separate Cover Via:	☐ Due Date:

Item	*Package*	*Code*	*Rev.*	*Copies*	*Date*	*Description*	*Status*
Submittal		084423-011	1		07/07/2016	Structural Sealant Glazing Color Samples	Submitted

NOTES:

CC: Paric Corporation, Kathy Bathe

Project Coordinator: Paric Corporation, Kathy Bathe

Signed: Devin Gates