If you're like most high-quality window and door manufacturers, your drive to produce great windows and doors people will be proud to own is always pitted against your reality of needing to do so in ever more efficient, effective ways.

Well, Novagard has over 30 years of silicone experience.

Fortified by the largest R&D group in our class.

But, our *best advantage*?

We put together the right mix of silicone by putting together the right mix of people.

We always start a project the same way. With a meeting of the minds — talking through your performance needs and processes to anticipate any challenges and adjust ahead of time.

So that new window or door you want to realize will always end up the same way:

Coming successfully off the end of your manufacturing line.

NOVAGARD®
PERFORMANCE SILICONES

MADE IN THE USA
CLEVELAND, OH

Effective Date: Feb 2026-v5.0

5109 Hamilton Avenue, Cleveland, OH 44114 USA | (216) 881-8111 | (800) 380-0138 | (216) 881-6977 fax | **novagard**.com
ISO 9001:2015 QMS (with Design), IATF 16949:2016 QMS (with Design) | Certified Women's Business Enterprise

Window & Door Manufacturing Sealant Systems

NOVAGARD®
PERFORMANCE SILICONES

*The values outlined in the following tables reflect testing that was conducted under laboratory conditions, actual results may vary. The information provided is not intended for use in preparing specifications. Please consult your sales representative for additional information.

FGIA Fenestration & Glazing Industry Alliance

WINDOW & DOOR MANUFACTURERS ASSOCIATION WDMA

- Superior UV resistance
- No solvents or odors
- All weather formula -20°F to 160°F
- Waterproof, rain safe in 1 hour
- Permanently flexible
- Mold/mildew resistant
- Will not shrink or crack
- Easily gunned at all temperatures
- 24 month shelf life
- 20 year limited warranty

Also available in
FAST TACK
for Earlier Green Strength

Delivering the outstanding performance you've relied on from Novagard,

NovaFlex Pro Premium Adhesive Sealant

can handle any job and offers superior adhesion that bonds to most building materials without corroding. It's formulated for window & door assembly, glazing, and backbedding. Also used for interior and exterior applications such as installing windows, doors, siding, metal roofs & panels.

AAMA VERIFIED · VOC COMPLIANT ENVIRONMENTALLY RESPONSIBLE · CALIFORNIA PROPOSITION 65 COMPLIANT · PFAS FREE · HFC FREE · PROFESSIONAL GRADE

STANDARD COLOR CHART

MADE TO ORDER COLORS AVAILABLE UPON REQUEST.
Contact your representative for order information and program details.

CLASS 50 SEALANT

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range Type I - Class 35	Performance Range Type II - Class 50
Appearance		Paste (Trans & Metallics)	Paste (Various Colors)
Viscosity	Brookfield #7 @ 10 rpm	3,500 - 7,000 poises	4,500 - 8,000 poises
Extrusion Rate	1/8" Orifice @ 50 psi	30 - 80 grams/minute	30 - 80 grams/minute
Skin Over Time	3/8" @ 50% RH & 77°F	5 - 15 minutes	5 - 15 minutes
Shelf Life		24 months - cartridge 18 months - sausage	24 months - cartridge 18 months - sausage

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value Type I - Class 35	Typical Value Type II - Class 50
Specific Gravity		1.03	1.20 - 1.25
Tensile Strength	ASTM D412	150 psi	200 psi
Elongation	ASTM D412	575%	730%
Tear Resistance	ASTM D624	33 pli	33 pli
Hardness (Shore A)	ASTM D2240	15	25
Through Cure	3/8" @ 50% RH & 77°F	48 hours (14 days for OEM window applications)	48 hours (14 days for OEM window applications)
Service Temperature		- 40°F to 400°F (- 40°C to 204°C)	- 40°F to 400°F (- 40°C to 204°C)
Joint Sealant Designation	ASTM C920	Type S Grade NS Class 35 Use NT, M, G, A, O	Type S Grade NS Class 50 Use NT, M, G, A, O
Peel Strength Glass Aluminum Vinyl	ASTM C794	 13 pli 12 pli 13 pli	 24 pli 24 pli 25 pli

AVAILABLE IN: 10 ounce cartridges, 20 ounce sausage packs

SPECIFICATIONS: Meets or exceeds ASTM C-920, TT-S-001543A, and TT-S-230C. AAMA 803.3 (I), 805.2 C, 808.3.

USES: Window and door assembly. Glazing and backbedding. Sealing windows, doors, siding, metal roof & panels, rivets, gutters, corner joints, and screw heads.

- Great for exterior and interior sealing
- Permanently flexible
- Will not shrink or crack
- Waterproof & Mold/mildew resistant
- Superior UV resistance
- Excellent adhesion to most building substrates
- Will not sag or slump
- Completely cured within 48 hours
- Tack-free in 10 minutes
- Excellent tooling properties
- No solvents or odor (50-state VOC compliant)
- Will not freeze

Also available in

FAST TACK

for Earlier Green Strength

A great everyday choice for glazing windows or structural back-bedding,

Multi-Purpose Adhesive Sealant

is an odorless, all-weather premium silicone that remains flexible to resist cracking, mildew, and discoloration for years to come.

VOC COMPLIANT ENVIRONMENTALLY RESPONSIBLE · CALIFORNIA PROPOSITION 65 COMPLIANT · AAMA VERIFIED · PFAS FREE · HFC FREE

CLASS 50 SEALANT

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range Type I - Class 35	Performance Range Type II - Class 50
Appearance		Paste (Translucent)	Paste (All Colors)
Viscosity	Brookfield #7 @ 10 rpm	3,500 - 7,000 poises	4,500 - 8,000 poises
Extrusion Rate	1/8" Orifice @ 50 psi	30 - 80 grams/minute	30 - 80 grams/minute
Skin Over Time	3/8" @ 50% RH & 77°F	5 - 10 minutes	5 - 10 minutes
Through Cure	3/8" @ 50% RH & 77°F	48 hours (14 days for OEM window applications)	48 hours (14 days for OEM window applications)

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value Type I - Class 35	Typical Value Type II - Class 50
Specific Gravity		1.00 - 1.05	1.15 - 1.25
Tensile Strength	ASTM D412	140 - 200 psi	170 - 220 psi
Elongation	ASTM D412	500 - 650%	800 - 1,000%
Tear Resistance	ASTM D624	30 - 35 pli	30 - 35 pli
Hardness (Shore A)	ASTM D2240	15 - 25	20 - 30
Service Temperature		- 40°F to 400°F (- 40°C to 204°C)	- 40°F to 400°F (- 40°C to 204°C)
Joint Sealant Designation	ASTM C920	Type S Grade NS Class 35 Use NT, M, G, A, O	Type S Grade NS Class 50 Use NT, M, G, A, O
Peel Strength Glass Aluminum Vinyl	ASTM C794	12 - 15 pli 10 - 14 pli 12 - 15 pli	12 - 15 pli 10 - 14 pli 12 - 15 pli

STANDARD COLOR CHART

MX150 Translucent · MX100 White · MX140 Beige · MX112 Dark Gray

MX120 Dark Bronze · MX121 Lincoln Bronze · MX110 Black

MADE TO ORDER COLORS AVAILABLE UPON REQUEST.
Contact your representative for order information and program details.

AVAILABLE IN: 55 gallon drums.

SPECIFICATIONS: Meets or exceeds ASTM C-920, TT-S-001543A, and TT-S-230C. AAMA 803.3 (I), 805.2 C, 808.3.

USES: Window and door assembly. Glazing and back bedding. Sealing rivets, gutters, corner joints, and screw heads.

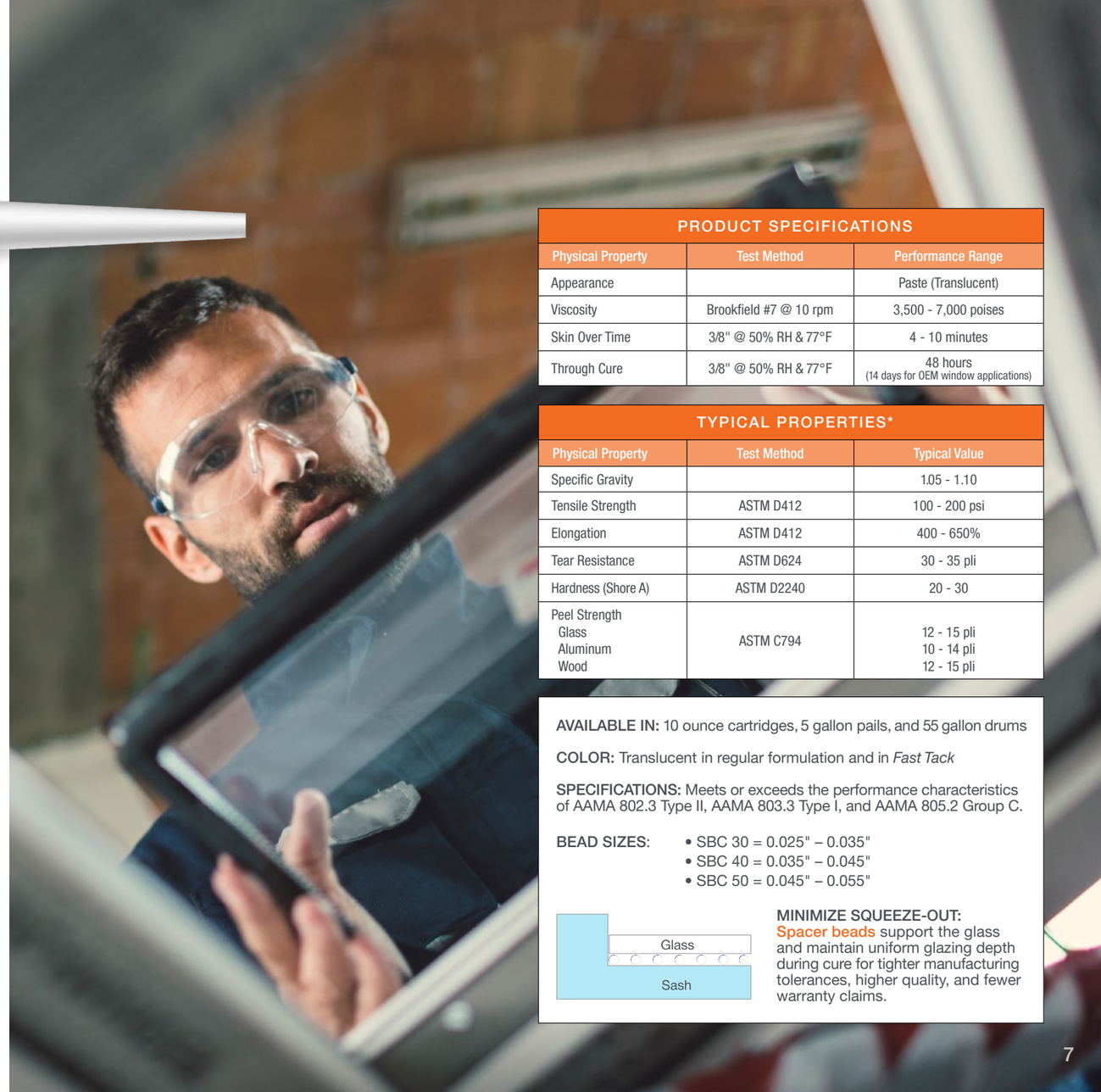
- "Liquid Shim" effect minimizes squeeze out and controls sealant thickness
- Complements most glazing rabbet designs
- Primer-less adhesion to most substrates

Created especially for glazing rabbet profile design windows,

Beaded Glazing / Bedding Compound

is a patented material combining neutral cure silicone with consistently sized spacer beads to provide a "liquid shim", assuring precise compound thickness between glass and sash.

VOC COMPLIANT ENVIRONMENTALLY RESPONSIBLE · CALIFORNIA PROPOSITION 65 COMPLIANT · AAMA VERIFIED · PFAS FREE · HFC FREE



PRODUCT SPECIFICATIONS		
Physical Property	**Test Method**	**Performance Range**
Appearance		Paste (Translucent)
Viscosity	Brookfield #7 @ 10 rpm	3,500 - 7,000 poises
Skin Over Time	3/8" @ 50% RH & 77°F	4 - 10 minutes
Through Cure	3/8" @ 50% RH & 77°F	48 hours (14 days for OEM window applications)

TYPICAL PROPERTIES*		
Physical Property	**Test Method**	**Typical Value**
Specific Gravity		1.05 - 1.10
Tensile Strength	ASTM D412	100 - 200 psi
Elongation	ASTM D412	400 - 650%
Tear Resistance	ASTM D624	30 - 35 pli
Hardness (Shore A)	ASTM D2240	20 - 30
Peel Strength Glass Aluminum Wood	ASTM C794	 12 - 15 pli 10 - 14 pli 12 - 15 pli

AVAILABLE IN: 10 ounce cartridges, 5 gallon pails, and 55 gallon drums

COLOR: Translucent in regular formulation and in *Fast Tack*

SPECIFICATIONS: Meets or exceeds the performance characteristics of AAMA 802.3 Type II, AAMA 803.3 Type I, and AAMA 805.2 Group C.

BEAD SIZES:
- SBC 30 = 0.025" – 0.035"
- SBC 40 = 0.035" – 0.045"
- SBC 50 = 0.045" – 0.055"

MINIMIZE SQUEEZE-OUT: Spacer beads support the glass and maintain uniform glazing depth during cure for tighter manufacturing tolerances, higher quality, and fewer warranty claims.

- Neutral cure silicone
- High elongation
- Non-corrosive formulation
- Excellent chemical resistance
- High tensile strength
- Deep section cure
- Excellent adhesion to window and door substrates
- Utilized in window fenestration for impact resistant systems
- Developed for systems looking to achieve Florida Product Approval, HVHZ, or Miami Dade NOA

A cost-effective alternative to competitive 2-part sealants, structural tapes, and windshield urethanes,

High Impact Glazing Sealant

is a one-part neutral cure silicone sealant/adhesive with excellent adhesion to numerous substrates, formulated for impact protection and blast resistance.

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PRODUCT SPECIFICATIONS		
Physical Property	Test Method	Performance Range
Appearance		Paste (Various Colors)
Viscosity	Brookfield #7 @ 10 rpm	5,000 - 15,000 poises
Extrusion Rate	Novagard 10-10-50	40 grams/minute minimum
Skin Over Time	3/8" @ 50% RH & 75°F	5 - 15 minutes
Through Cure	3/8" @ 50% RH & 75°F	48 hours (28 days for OEM window applications)

TYPICAL PROPERTIES*		
Physical Property	Test Method	Typical Value
Slump (Flow)	ASTM D2202	0.3" maximum
Specific Gravity		1.00 - 1.50
Tensile Strength	ASTM D412	300 - 500 psi
Elongation	ASTM D412	300 - 600%
Hardness (Shore A)	ASTM D2240	20 minimum
Joint Movement	ASTM C920	+/- 50
Peel Strength Glass PVC Wood	ASTM C794	 20 pli minimum 20 pli minimum 20 pli minimum

COLOR CHART

M4155 Translucent · M400 White · M418 Gray · M410 Black

AVAILABLE IN: 10 ounce cartridges

SPECIFICATIONS: Meets or exceeds the performance characteristics of ASTM C-920, AAMA 802.3, 805.2, 808.3, TT-S-001543A, and TT-S-230C

USES: Window and door frame assembly and glazing/backbedding for impact-resistant window and door systems.

- Low reactivity
- Excellent chemical resistance
- Excellent UV resistance
- Permanently flexible
- Deep section cure
- Excellent adhesion
- High elongation

Designed to protect the IG secondary seal from attack and degradation,

Ultra-Low Migration Glazing Sealant

is the premium paste you need to reduce premature failure and warranty calls.

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PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Paste (Various Colors)
Viscosity	Brookfield #7 @ 10 rpm	7,000 - 15,000 poises
Extrusion Rate	1/8" Orifice @ 50 psi	10 - 40 grams/minute
Skin Over Time	3/8" @ 50% RH & 77°F	5 - 10 minutes
Through Cure	3/8" @ 50% RH & 77°F	48 hours (14 days for OEM window applications)

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.00 – 1.05
Tensile Strength	ASTM D412	200 - 250 psi
Elongation	ASTM D412	400 - 450%
Tear Resistance	ASTM D624	20 – 25 pli
Hardness (Shore A)	ASTM D2240	15 - 25
Peel Strength	ASTM C794	
Glass		13 - 17 pli
Aluminum		13 - 17 pli
Wood		13 - 17 pli

COLOR CHART

MXG150 Translucent · MXG100 White · MXG132 Earthtone · MXG110 Black

AVAILABLE IN: 10 ounce cartridges, 20 ounce sausage packs, 5 gallon pails, and 55 gallon drums.

SPECIFICATIONS: Meets or exceeds the performance characteristics of AAMA 802.3(I), 805.2C, and 808.3.

USES: Specifically formulated to protect the IG secondary seal, NovaFlex ULM Glazing reduces field failures and warranty claims.

- High tensile strength
- Low reactivity
- Developed for systems looking to achieve Florida Product Approval, HVHZ, or Miami Dade NOA
- Excellent chemical resistance
- Excellent UV resistance
- Deep section cure
- Excellent adhesion to various substrates
- High elongation

Engineered to prevent any harm from coming to the IG secondary seal,

Ultra-Low Migration High Impact Glazing Sealant

develops a sure bond to most substrates and offers extremely high tensile strength to provide the longest lasting seal possible for high impact windows. Combines all the performance of our high impact glazing sealant with low migration to protect the IG secondary seal and other components.

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PRODUCT SPECIFICATIONS		
Physical Property	Test Method	Performance Range
Appearance		Paste (Various Colors)
Viscosity	Brookfield #7 @ 10 rpm	5,000 - 15,000 poises
Extrusion Rate	1/8" Orifice @ 50 psi	30 - 60 grams/minute
Skin Over Time	3/8" @ 50% RH & 77°F	5 - 10 minutes
Through Cure	3/8" @ 50% RH & 77°F	48 hours (28 days for OEM window applications)

TYPICAL PROPERTIES*		
Physical Property	Test Method	Typical Value
Specific Gravity		1.05 - 1.10
Tensile Strength	ASTM D412	450 psi
Elongation	ASTM D412	450%
Tear Resistance	ASTM D624	30 – 35 pli
Hardness (Shore A)	ASTM D2240	35 - 45
Joint Movement	ASTM C719	+/-50
Peel Strength Glass Aluminum Wood	ASTM C794	 14 - 18 pli 14 - 18 pli 14 - 18 pli

COLOR CHART

MXI150 Translucent · MXI119 Gray · MXI110 Black

AVAILABLE IN: 10 ounce cartridges, 20 ounce sausage packs, 5 gallon pails, and 55 gallon drums.

SPECIFICATIONS: Meets or exceeds the performance characteristics of ASTM C1184 and AAMA 803.3 (I), 808.3.

USES: Specifically formulated to protect the IG secondary seal in impact-resistant window systems, NovaFlex ULM Impact Glazing reduces field failures and warranty claims.

- Rapid cure to increase efficiencies and help speed up production lines
- Low migration to protect and help prevent breakdown of the secondary sealant
- Excellent primerless adhesion to most substrates and accessories
- Prevents premature failures and callbacks
- Void-free filling of sealant joint
- Squeeze-out cleanup that's quick and easy
- Long-term resistance to natural weathering

Allowing for movement of assemblies within minutes of application without glass shifting,

Qwik-Set Low Migration Glazing Sealant

is a two-component, neutral cure silicone engineered to protect and prevent breakdown of the secondary sealant while rapidly building green strength for bedding and glazing of glass in residential and commercial window designs.

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TYPICAL UNCURED PROPERTIES*

Physical Property	Base (Part A)	Catalyst (Part B)
Appearance	Paste (QGL000A Off White)	Paste (QG0110B Black) Paste (QG0119B Gray)
Viscosity	550 - 2,250 poises	2,250 - 5,000 poises
Specific Gravity	1.32 - 1.38	1.02 - 1.06

MIX RATIO BY WEIGHT*

Physical Property	Base to 1 gm of Catalyst				
Base Ratio by Volume	8:1	9:1	10:1	11:1	12:1
Base Weight (gm)	10.3	11.6	12.9	14.1	15.4

MIXED PROPERTIES*

Physical Property	Typical Value
Specific Gravity	1.31
Sag, Boeing Jig	< 0.1

TYPICAL CURED PROPERTIES (10:1 by volume)*

Physical Property	Test Method	Typical Value
Color	-	Black (QG0110) or Gray (QG0119)
Tensile Strength	ASTM D412	225 - 400 psi
Elongation	ASTM D412	150 - 375%
Hardness (Shore A)	ASTM D2240	40 - 50
Peel Strength Aluminum Glass PVC PVDF Acrylic	ASTM C794	7-Day Cure >18.0 lbf/in >19.0 lbf/in >18.0 lbf/in >18.0 lbf/in >15.0 lbf/in
Green Strength (Glass to Aluminum) 15 minutes 30 minutes	ASTM C1135	 26 psi 45 psi

TYPICAL CURE RATES*

Base Ratio by Volume	8:1	10:1	12:1
Typical Snap Time	3 - 5 minutes	6 - 8 minutes	9 - 11 minutes
Typical Tack-Free Time	7 - 11 minutes	11 - 15 minutes	15 - 19 minutes

COLOR CHART

QG0110 Black

QG0119 Gray

AVAILABLE IN:
Base (Part A) 55 gallon drums, Catalyst (Part B) 55 gallon drums or 5 gallon pails.

SPECIFICATIONS: Meets or exceeds the strength performance characteristics of AAMA 802.3, Type I and II, and AAMA 805.2, Group C.

USES: Designed to support high manufacturing throughput, the variable mix ratio of NovaFlex Qwik-Set Low Migration Glazing allows the cure profile to be dynamically adjusted based on plant conditions.

- Rapid cure and adhesion development (fast green strength)
- Excellent primerless adhesion to most substrates and accessories
- Low migration to protect and help prevent breakdown of the secondary sealant
- Portable format, 440ml 10:1 cartridges
- Cleanup that's quick & easy
- Long-term resistance to natural weathering

With all the speed and performance of Novagard's Qwik-Set neutral cure silicone in a convenient and portable format,

Qwik-Set Low Migration Portable Glazing Sealant

offers fast adhesion development, high tensile strength, and is engineered to protect and help prevent failure of the secondary sealant.

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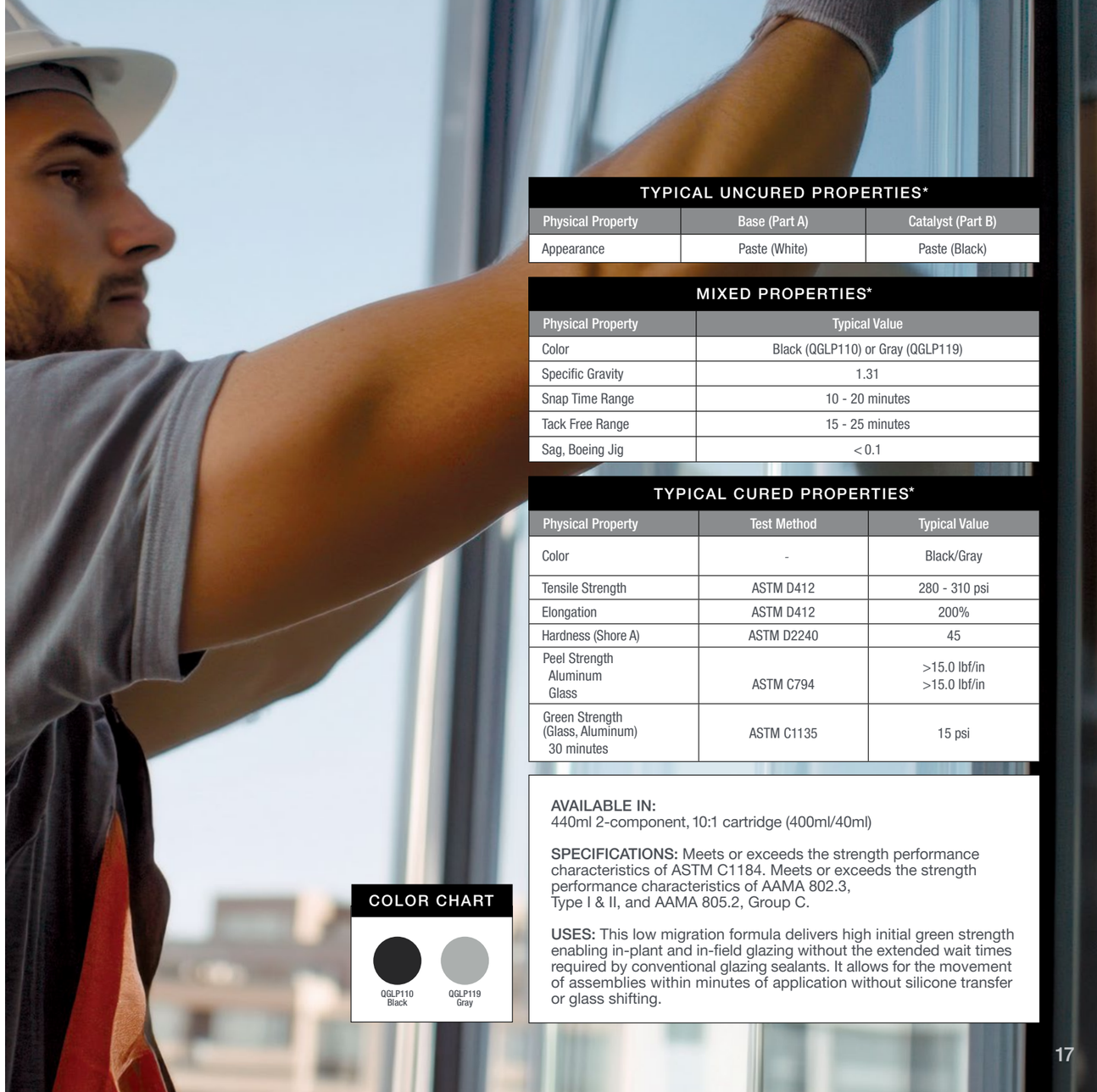


TYPICAL UNCURED PROPERTIES*

Physical Property	Base (Part A)	Catalyst (Part B)
Appearance	Paste (White)	Paste (Black)

MIXED PROPERTIES*

Physical Property	Typical Value
Color	Black (QGLP110) or Gray (QGLP119)
Specific Gravity	1.31
Snap Time Range	10 - 20 minutes
Tack Free Range	15 - 25 minutes
Sag, Boeing Jig	< 0.1

TYPICAL CURED PROPERTIES*

Physical Property	Test Method	Typical Value
Color	-	Black/Gray
Tensile Strength	ASTM D412	280 - 310 psi
Elongation	ASTM D412	200%
Hardness (Shore A)	ASTM D2240	45
Peel Strength Aluminum Glass	ASTM C794	 >15.0 lbf/in >15.0 lbf/in
Green Strength (Glass, Aluminum) 30 minutes	ASTM C1135	15 psi

COLOR CHART

QGLP110 Black

QGLP119 Gray

AVAILABLE IN:
440ml 2-component, 10:1 cartridge (400ml/40ml)

SPECIFICATIONS: Meets or exceeds the strength performance characteristics of ASTM C1184. Meets or exceeds the strength performance characteristics of AAMA 802.3, Type I & II, and AAMA 805.2, Group C.

USES: This low migration formula delivers high initial green strength enabling in-plant and in-field glazing without the extended wait times required by conventional glazing sealants. It allows for the movement of assemblies within minutes of application without silicone transfer or glass shifting.

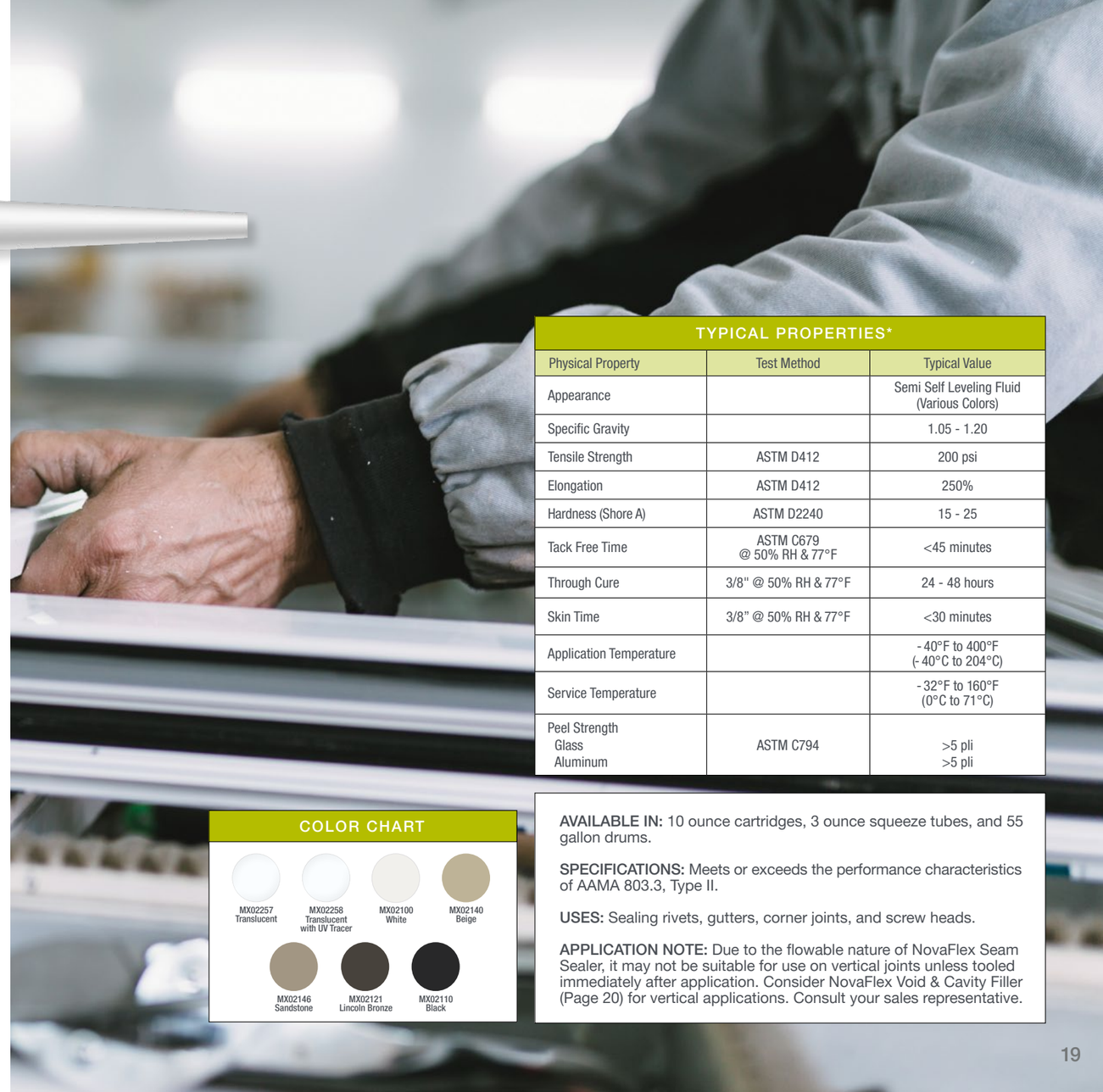
- Low odor
- Semi self leveling
- Neutral cure
- Quick drying
- Permanently flexible

Ideal for applications requiring the coating to flow into small crevices and hard to reach areas,

Seam Sealer

is a semi-self-leveling liquid that cures to a rubber-like solid which will not crack or drop out of joints.

VOC COMPLIANT ENVIRONMENTALLY RESPONSIBLE · CALIFORNIA PROPOSITION 65 COMPLIANT · AAMA VERIFIED · PFAS FREE · HFC FREE



TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Appearance		Semi Self Leveling Fluid (Various Colors)
Specific Gravity		1.05 - 1.20
Tensile Strength	ASTM D412	200 psi
Elongation	ASTM D412	250%
Hardness (Shore A)	ASTM D2240	15 - 25
Tack Free Time	ASTM C679 @ 50% RH & 77°F	<45 minutes
Through Cure	3/8" @ 50% RH & 77°F	24 - 48 hours
Skin Time	3/8" @ 50% RH & 77°F	<30 minutes
Application Temperature		- 40°F to 400°F (- 40°C to 204°C)
Service Temperature		- 32°F to 160°F (0°C to 71°C)
Peel Strength Glass Aluminum	ASTM C794	 >5 pli >5 pli

COLOR CHART

MX02257 Translucent · MX02258 Translucent with UV Tracer · MX02100 White · MX02140 Beige

MX02146 Sandstone · MX02121 Lincoln Bronze · MX02110 Black

AVAILABLE IN: 10 ounce cartridges, 3 ounce squeeze tubes, and 55 gallon drums.

SPECIFICATIONS: Meets or exceeds the performance characteristics of AAMA 803.3, Type II.

USES: Sealing rivets, gutters, corner joints, and screw heads.

APPLICATION NOTE: Due to the flowable nature of NovaFlex Seam Sealer, it may not be suitable for use on vertical joints unless tooled immediately after application. Consider NovaFlex Void & Cavity Filler (Page 20) for vertical applications. Consult your sales representative.

- Low odor
- Low reactivity
- Excellent chemical resistance
- Deep section neutral cure
- Permanently flexible

The best way to reinforce your frame with a rubber-like solid that will not crack or fall out of joints,

Void and Cavity Filler

is a non-sagging, non-corrosive, single-component silicone paste that cures upon exposure to atmospheric moisture and remains flexible forever.

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PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Paste (Various Colors)
Viscosity	Brookfield #7 @ 10 rpm	5,000 - 15,000 poises
Extrusion Rate	1/8" Orifice @ 50 psi	10 - 40 grams/minute
Skin Over Time	3/8" @ 50% RH & 77°F	5 - 10 minutes
Through Cure	3/8" @ 50% RH & 77°F	48 hours (14 days for OEM window applications)

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value (Class +100/-50)
Specific Gravity		1.00 - 1.10
Tensile Strength	ASTM D412	200 - 250 psi
Elongation	ASTM D412	400 - 450%
Tear Resistance	ASTM D624	20 - 25 pli
Hardness (Shore A)	ASTM D2240	15 - 25
UV Resistance	ASTM G154/2,000 hours	Pass

COLOR CHART

MXV150 Translucent · MXV100 White · MXV110 Black

AVAILABLE IN: 10 ounce cartridges, 20 ounce sausage packs, 5 gallon pails, and 55 gallon drums.

SPECIFICATIONS: Meets or exceeds the performance characteristics of AAMA 803.3(I).

USES: Sealing rivets, corner joints, and screw heads. Mounting corner keys and acting as a reinforcing sealant during assembly. Filling internal voids in assembled frames.

- Easy to gun and tool
- Paintable in 30 min
- UV resistant
- No solvents or odors
- Can be applied in all weather -10°F to 122°F
- Permanently flexible
- Better resistance to yellowing
- Will not sag or slump
- Excellent weathering properties
- No shrinking or cracking
- Resists dirt pickup
- Safe for indoor/outdoor use
- Bonds to a variety of substrates without priming
- 24 month shelf life

The premium choice for assembly of wooden windows,

NovaBond Pro Hybrid Sealant

provides high strength adhesion for ultimate sturdiness, and when cured, achieves a surface hardness consistent with wood and is paintable in 30 minutes.

VOC COMPLIANT ENVIRONMENTALLY RESPONSIBLE · CALIFORNIA PROPOSITION 65 COMPLIANT · PAINTABLE · AAMA VERIFIED · PFAS FREE · HFC FREE · PROFESSIONAL GRADE

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Paste (Various Colors)
Viscosity	Brookfield #7 @ 10 rpm	2,000 - 7,000 poises
Extrusion Rate	1/8" Orifice @ 50 psi	≥ 50 grams/minute
Skin Over Time	3/8" @ 50% RH & 77°F	10 - 45 minutes
Shelf Life		24 months - cartridge 18 months - sausage

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.40- 1.50
Tensile Strength	ASTM D412	200 - 325 psi
Elongation	ASTM D412	250 - 475%
Hardness (Shore A)	ASTM D2240	45 - 55
Through Cure	3/8" @ 50% RH & 77°F	7 days
Peel Strength		
Glass	ASTM C794	>15 pli
Aluminum		>20 pli
Wood		>15 pli
PVC		>15 pli
PVDF		>25 pli
Concrete		>15 pli
Joint Movement	ASTM C719	+/- 35
UV Exposure	ASTM G154 (2,000 hours UV-A)	Pass

STANDARD COLOR CHART

NBX100 White · NBX105 Antique White · NBX107 Cream · NBX145 Canvas · NBX3431 Cobblestone

NBX140 Beige · NBX146 Sandstone · NBX134 Terratone · NBX120 Dark Bronze · NBX110 Black

MADE TO ORDER COLORS AVAILABLE UPON REQUEST.
Contact your representative for order information and program details.

AVAILABLE IN: 10 ounce cartridges, 20 ounce sausage packs, and 55 gallon drums.

SPECIFICATIONS: Meets or exceeds the performance characteristics of ASTM C-920, Type S, Grade NS, Class 35, use NT, M, G, A, and O. AAMA 802.3 (II), 803.3 (I), 805.2 C, 808.3 (I).

USES: Window and door assembly. Glazing and backbedding.

Pro Premium Adhesive Sealant

APPEARANCE	Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	3,500 - 7,000 Type I/Class 35 4,500 - 8,000 Type II/Class 50
EXTRUSION RATE (grams/minute)	30 - 80 1/8" Orifice @ 50 psi
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	5 - 15 min
THROUGH CURE (3/8" @ 50% RH & 77°F)	48 hours (14 days for OEM window applications)
SLUMP (Flow)	no slump
SPECIFIC GRAVITY	1.03 Type I/Class 35 1.20 - 1.25 Type II/Class 50
TENSILE STRENGTH (ASTM D412)	150 psi Type I/Class 35 200 psi Type II/Class 50
ELONGATION (ASTM D412)	575% Type I/Class 35 730% Type II/Class 50
TEAR RESISTANCE (ASTM D624)	33 pli
HARDNESS (SHORE A) (ASTM D2240)	15 Type I/Class 35 25 Type II/Class 50
SERVICE TEMPERATURE	-40°F to 400°F (-40°C to 204°C)
APPLICATION TEMPERATURE	-20°F to 160°F (-29°C to 71°C)
AAMA SPECIFICATIONS	803.3 (I) 805.2 C 808.3

Multi-Purpose Adhesive Sealant

APPEARANCE	Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	3,500 - 7,000 Type I/Class 35 4,500 - 8,000 Type II/Class 50
EXTRUSION RATE (grams/minute)	30 - 80 1/8" Orifice @ 50 psi
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	5 - 10 min
THROUGH CURE (3/8" @ 50% RH & 77°F)	48 hours (14 days for OEM window applications)
SLUMP (Flow)	no slump
SPECIFIC GRAVITY	1.00 - 1.05 Type I/Class 35 1.15 - 1.25 Type11I/Class 50
TENSILE STRENGTH (ASTM D412)	140 - 200 psi Type I/Class 35 170 - 220 psi Type II/Class 50
ELONGATION (ASTM D412)	500 - 650% Type I/Class 35 800- 1,000 % Type II/Class 50
TEAR RESISTANCE (ASTM D624)	30 -35 pli
HARDNESS (SHORE A) (ASTM D2240)	15 - 25 Type I/Class 35 20 - 30 Type II/Class 50
SERVICE TEMPERATURE	-40°F to 400°F (-40°C to 204°C)
APPLICATION TEMPERATURE	-20°F to 160°F (-29°C to 71°C)
AAMA SPECIFICATIONS	803.3 (I) 805.2 C 808.3

Beaded Glazing / Bedding Compound

APPEARANCE	Paste Translucent
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	3,500 - 7,000
EXTRUSION RATE (grams/minute)	n/a
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	4 - 10 min
THROUGH CURE (3/8" @ 50% RH & 77°F)	48 hours (14 days for OEM window applications)
SLUMP (Flow)	no slump
SPECIFIC GRAVITY	1.05 - 1.10
TENSILE STRENGTH (ASTM D412)	100 - 200 psi
ELONGATION (ASTM D412)	400 - 650%
TEAR RESISTANCE (ASTM D624)	30 - 35 pli
HARDNESS (SHORE A) (ASTM D2240)	20 - 30
SERVICE TEMPERATURE	-40°F to 400°F (-40°C to 204°C)
APPLICATION TEMPERATURE	-20°F to 160°F (-29°C to 71°C)
AAMA SPECIFICATIONS	802.3 (II) 803.3 (I) 805.2 C

High Impact Glazing Sealant

APPEARANCE	Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	5,000 - 15,000
EXTRUSION RATE (grams/minute)	40 Novagard 10-10-50
SKIN OVER TIME (3/8" @ 50% RH & 75°F)	5 - 15 min
THROUGH CURE (3/8" @ 50% RH & 75°F)	48 hours (28 days for OEM window applications)
SLUMP (Flow) (ASTM D412)	0.3" maximum
SPECIFIC GRAVITY	1.00 - 1.50
TENSILE STRENGTH (ASTM D412)	300 - 500 psi
ELONGATION (ASTM D412)	300 - 600%
TEAR RESISTANCE (ASTM D624)	-
HARDNESS (SHORE A) (ASTM D2240)	20 minimum
SERVICE TEMPERATURE	-40°F to 400°F (-40°C to 204°C)
APPLICATION TEMPERATURE	-20°F to 160°F (-29°C to 71°C)
AAMA SPECIFICATIONS	802.3 805.2 808.3

Ultra-Low Migration Glazing Sealant

APPEARANCE	Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	7,000 - 15,000
EXTRUSION RATE (grams/minute)	10 - 40 1/8" Orifice @ 50 psi
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	5 - 10 min
THROUGH CURE (3/8" @ 50% RH & 77°F)	48 hours (14 days for OEM window applications)
SLUMP (Flow)	no slump
SPECIFIC GRAVITY	1.00 - 1.05
TENSILE STRENGTH (ASTM D412)	200 - 250 psi
ELONGATION (ASTM D412)	400 - 450%
TEAR RESISTANCE (ASTM D624)	20 - 25 pli
HARDNESS (SHORE A) (ASTM D2240)	15 - 25
SERVICE TEMPERATURE	-40°F to 400°F (-40°C to 204°C)
APPLICATION TEMPERATURE	-20°F to 160°F (-29°C to 71°C)
AAMA SPECIFICATIONS	802.3 (I) 805.2 C 808.3

Ultra-Low Migration High Impact Glazing Sealant

APPEARANCE	Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	5,000 - 15,000
EXTRUSION RATE (grams/minute)	30 - 60 1/8" Orifice @ 50 psi
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	5 - 10 min
THROUGH CURE (3/8" @ 50% RH & 77°F)	48 hours (28 days for OEM window applications)
SLUMP (Flow)	no slump
SPECIFIC GRAVITY	1.05 - 1.10
TENSILE STRENGTH (ASTM D412)	450 psi
ELONGATION (ASTM D412)	450%
TEAR RESISTANCE (ASTM D624)	30 - 35 pli
HARDNESS (SHORE A) (ASTM D2240)	35 - 45
SERVICE TEMPERATURE	-40°F to 400°F (-40°C to 204°C)
APPLICATION TEMPERATURE	-20°F to 160°F (-29°C to 71°C)
AAMA SPECIFICATIONS	803.3 (I) 808.3

Qwik-Set Low Migration 2-Part Glazing Sealant

APPEARANCE	Paste Part A: Off White Part B: Various Colors
VISCOSITY (Poises) (HB #6 @ 20 rpm)	550 - 2,250 Part A Base 2,250 - 5,000 Part B Catalyst
EXTRUSION RATE (grams/minute)	n/a
TACK FREE TIME (3/8" @ 50% RH & 77°F)	7 - 19 min
SNAP TIME (3/8" @ 50% RH & 77°F)	3 - 11 min
SLUMP (Flow)	no slump
SPECIFIC GRAVITY	1.32 - 1.38 Part A Base 1.02 - 1.06 Part B Catalyst
TENSILE STRENGTH (ASTM D412)	225 - 400 psi
ELONGATION (ASTM D412)	150 - 375%
TEAR RESISTANCE (ASTM D624)	-
HARDNESS (SHORE A) (ASTM D2240)	40 - 50
SERVICE TEMPERATURE	-40°F to 400°F (-40°C to 204°C)
APPLICATION TEMPERATURE	-20°F to 160°F (-29°C to 71°C)
AAMA SPECIFICATIONS	802.3 (I) (II) 805.2 C

Qwik-Set Low Migration Portable Glazing Sealant

APPEARANCE	Paste Part A: White Part B: Black
VISCOSITY (Poises) (HB #6 @ 20 rpm)	-
EXTRUSION RATE (grams/minute)	n/a
TACK FREE TIME (3/8" @ 50% RH & 77°F)	15 - 25 min
SNAP TIME (3/8" @ 50% RH & 77°F)	10 - 20 min
SLUMP (Flow)	no slump
SPECIFIC GRAVITY	1.31
TENSILE STRENGTH (ASTM D412)	280 - 310 psi
ELONGATION (ASTM D412)	200%
TEAR RESISTANCE (ASTM D624)	-
HARDNESS (SHORE A) (ASTM D2240)	45
SERVICE TEMPERATURE	-40°F to 400°F (-40°C to 204°C)
APPLICATION TEMPERATURE	-20°F to 160°F (-29°C to 71°C)
AAMA SPECIFICATIONS	802.3 (I) (II) 805.2 C

Seam Sealer

APPEARANCE	Semi-Self Leveling Fluid Various Colors
VISCOSITY (Poises) (HB #6 @ 10 rpm)	700 - 3,000
EXTRUSION RATE (grams/minute)	n/a
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	<30 min
THROUGH CURE (3/8" @ 50% RH & 77°F)	24 - 48 hrs
SLUMP (Flow)	n/a
SPECIFIC GRAVITY	1.05 - 1.20
TENSILE STRENGTH (ASTM D412)	200 psi
ELONGATION (ASTM D412)	250%
TEAR RESISTANCE (ASTM D624)	-
HARDNESS (SHORE A) (ASTM D2240)	15 - 25
SERVICE TEMPERATURE	-40°F to 400°F (-40°C to 204°C)
APPLICATION TEMPERATURE	-32°F to 160°F (0°C to 71°C)
AAMA SPECIFICATIONS	803.3 (II)

Void and Cavity Filler

APPEARANCE	Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	5,000 - 15,000
EXTRUSION RATE (grams/minute)	10 - 40 1/8" Orifice @ 50 psi
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	5 - 10 min
THROUGH CURE (3/8" @ 50% RH & 77°F)	48 hours (14 days for OEM window applications)
SLUMP (Flow)	no slump
SPECIFIC GRAVITY	1.00 - 1.10
TENSILE STRENGTH (ASTM D412)	200 - 250 psi
ELONGATION (ASTM D412)	400 - 450%
TEAR RESISTANCE (ASTM D624)	20 - 25 pli
HARDNESS (SHORE A) (ASTM D2240)	15 - 25
SERVICE TEMPERATURE	-40°F to 400°F (-40°C to 204°C)
APPLICATION TEMPERATURE	-20°F to 160°F (-29°C to 71°C)
AAMA SPECIFICATIONS	803.3 (I)

Pro Hybrid Sealant

APPEARANCE	Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	2,000 - 7,000
EXTRUSION RATE (grams/minute)	≥ 50 1/8" Orifice @ 50 psi
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	10 - 45 min
THROUGH CURE (3/8" @ 50% RH & 77°F)	7 days
SLUMP (Flow)	no slump
SPECIFIC GRAVITY	1.40 - 1.50
TENSILE STRENGTH (ASTM D412)	200 - 325 psi
ELONGATION (ASTM D412)	250 - 475%
TEAR RESISTANCE (ASTM D624)	-
HARDNESS (SHORE A) (ASTM D2240)	45 - 55
SERVICE TEMPERATURE	-40°F to 176°F (-40°C to 80°C)
APPLICATION TEMPERATURE	-10°F to 122°F (-23.3°C to 50°C)
AAMA SPECIFICATIONS	802.3 (II) 803.3 (I) 805.2 C 808.3 (I)

We're ready to talk when you are.

If you have any questions about our silicone sealants, or any manufacturing challenges you're not sure are being met by what you see here, please call us right now. You'll find the only thing that can surpass the performance of our quality products is the performance of our quality people.

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