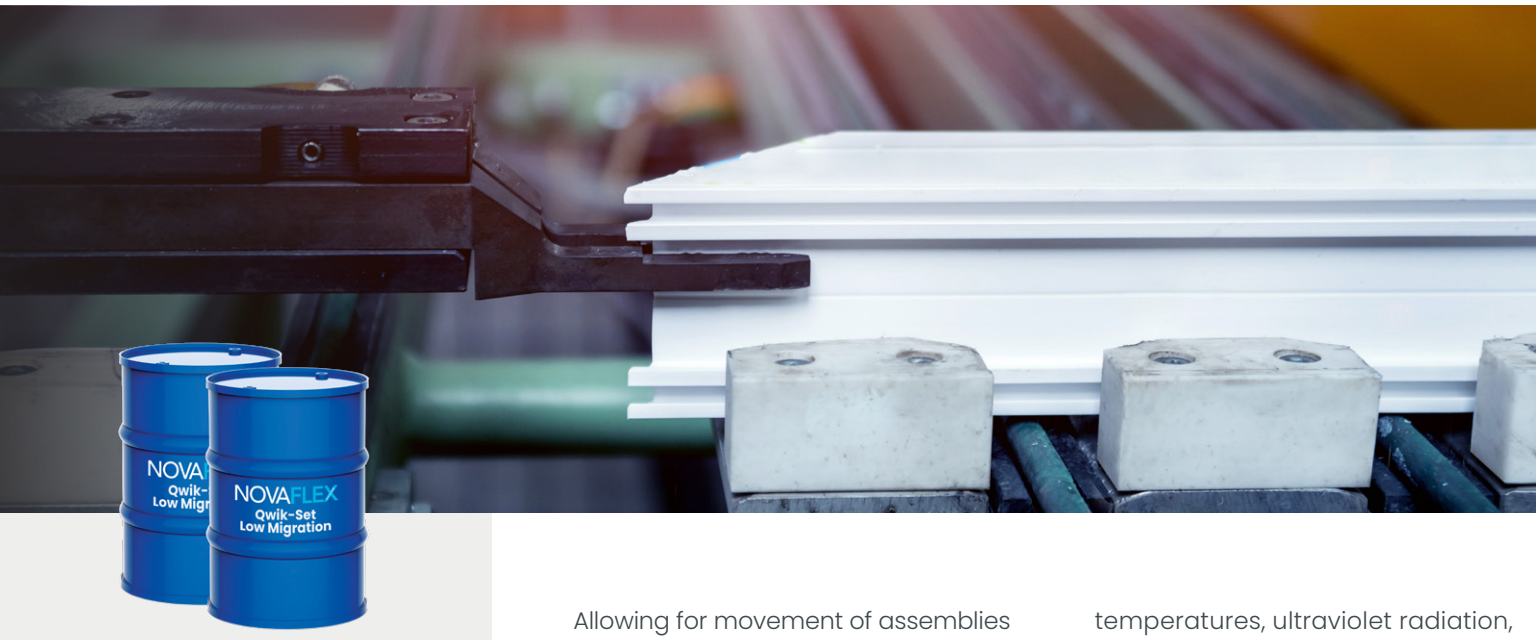
NOVAFLEX

Qwik-Set Low Migration Glazing Sealant

Joining Novagard's award winning Qwik-Set product line is a low migration formula engineered to protect and prevent breakdown of the secondary sealant. With increased adhesion and tensile strength, NovaFlex Qwik-Set Low Migration Glazing Sealant (QGL) is the next generation of Qwik-Set glazing sealants.



- Rapid cure to increase efficiencies and help speed up production lines
- Excellent primerless adhesion to most substrates and accessories
- Low migration to protect and help prevent breakdown of the secondary sealant
- 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 silicone transfer or glass shifting, NovaFlex Qwik-Set Low Migration Glazing Sealant is a two-component, neutral cure sealant that rapidly builds adhesion and develops a primerless bond for bedding and glazing of glass in residential and commercial window designs.

One of the largest advantages of Qwik-Set Low Migration Glazing Sealant is how quickly it cures – within minutes rather than hours or days. This innovative two-part silicone sealant achieves a tensile strength of over 26 psi after just 15 minutes – more than enough to move the window down the line.

Qwik-Set Low Migration Glazing Sealant demonstrates outstanding long-term resistance to natural weathering including extreme temperatures, ultraviolet radiation, rain, and snow with negligible change in elasticity. Formulated to support high manufacturing throughput, the variable mix ratio of Qwik-Set Low Migration Glazing allows the cure profile to be dynamically adjusted based on plant conditions.

Silicone setting blocks are recommended for direct contact with Qwik-Set Low Migration Glazing Sealant. Avoid using non-silicone materials (i.e., EPDM, Neoprene) as they could degrade or discolor the product seal over time. Compatibility testing is recommended on all material that are to be in direct contact with Qwik-Set Low Migration Glazing Sealant.

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

Awards
Qwik-Set Family

WINDOOR
2021-2022 Product of the Year
NovaFlex Qwik-Set Glazing Sealant

READERS' CHOICE AWARD 2021
READERS' CHOICE AWARD 2022
2021 & 2022
NovaFlex Qwik-Set
Glazing Sealant

READERS' CHOICE AWARD 2023
2023
NovaFlex Qwik-Set Portable
Adhesive & Glazing Sealant

Novagard offers a complete line of **window & door sealants**

Multi-Purpose Adhesive Sealant

Metal Roof & Panel Adhesive Sealant

Beaded Glazing / Bedding Compound

High Impact Glazing Sealant

Ultra-Low Migration Glazing Sealant

Ultra-Low High Impact Glazing Sealant

Seam Sealer

Void & Cavity Filler

Premium Hybrid Sealant (Paintable)

NOVAGARD®
Performance Silicones
Woman Owned

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novagard.com

ISO 9001:2015 QMS (with Design)
IATF 16949:2016 QMS (with Design)
Certified Women's Business Enterprise

NOVAFLEX SILICONE

Qwik-Set Low Migration Glazing Sealant

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

TYPICAL UNCURED PROPERTIES*		
Physical Property	**Base (Part A)**	**Catalyst (Part B)**
Appearance	Off White	Dark Gray, Black, Gray
Viscosity (cPs)	150,000 - 350,000	200,000 - 400,000
Specific Gravity	1.33 - 1.37	1.03 - 1.07

MIX RATIO BY WEIGHT*					
Physical Property	**Base to 1 gm of Catalyst**				
Base Rate 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**
Color	Dark Gray, Black, Gray
Specific Gravity	1.31
Mixed Ratio Range	8:1 to 12:1
Snap Time Range	3 - 11 minutes
Tack-Free Range	7 - 19 minutes
Sag, Boeing Jig	<0.1

TYPICAL CURED PROPERTIES* (10:1 by Volume)		
Physical Property	**Test Method**	**Typical Value**
Color		Dark Gray, Black, Gray
Tensile Strength	ASTM D412	225 - 325 psi
Elongation	ASTM D412	125 - 225%
Hardness (Shore A)	ASTM D2240	40 - 50
Peel Strength Aluminum Glass PVC PVDF Acrylic	ASTM C974	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*			
Physical Property	**8:1**	**10:1**	**12:1**
Snap Time	3 - 5 minutes	6 - 8 minutes	9 - 11 minutes
Tack-Free Time	7 - 11 minutes	11 - 15 minutes	15 - 19 minutes

*The values outlined reflect testing that was conducted under laboratory conditions, actual results may vary. The information provided in the above table is not intended for use in preparing specifications.

Proudly made in Cleveland, OH

Effective Date: Dec 2024-v1.7