NovaFlex® Qwik-Set Portable Glazing Sealant
Preliminary Specification Data –Technical Data Sheet

NOVAGARD

DESCRIPTION
NovaFlex Qwik-Set Portable Glazing Sealant (QGP) is a two-component, 100% silicone, neutral cure sealant that rapidly builds adhesive and elastomeric strength for bedding and glazing of glass in residential and commercial window designs. It develops high initial green strength so you don't have to slow your production waiting for traditional glazings to cure. NovaFlex Qwik-Set Portable Glazing Sealant allows for movement of assemblies within minutes of application without silicone transfer or glass shifting.

QGP demonstrates outstanding long-term resistance to natural weathering including: extreme temperatures, ultraviolet radiation, rain and snow, with negligible change in elasticity. All with the simplicity of a 2:1 fixed ratio, two-part, neutral-cure silicone.

APPLICATIONS
NovaFlex Qwik-Set Portable Glazing Sealant functions as an adhesive sealant which develops bond to most substrates and commonly used accessories in the glass and glazing industry. The convenient packaging makes it ideal for hand glazing, field glazing, and filed repairs.

STANDARDS
Meets or exceeds the strength performance characteristics of ASTM C1184, AAMA 802.3-92, Type II, and AAMA 805.2-95, Group C.

INSTALLATION
As with all two component materials, worklife and cure times of NovaFlex Qwik-Set Portable Glazing Sealant are dependent upon environmental conditions such as temperature and humidity. Adhesion should be checked on small samples prior to full-scale production.

AVAILABILITY
NovaFlex Qwik-Set Portable Glazing Sealant is available in 400ml 2-component, 2:1 cartridges (266ml/133ml).

STORAGE
NovaFlex Qwik-Set Portable Glazing Sealant has a shelf life of six (6) months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at, or below, 75°F.

PRECAUTIONS
Consult and obey all applicable local, state, and federal regulations for disposal of solvent and silicone waste. For additional information consult product SDS.

Silicone setting blocks are recommended for direct contact with NovaFlex Qwik-Set Portable 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 materials that are to be in direct contact with NovaFlex Qwik-Set Portable Glazing Sealant. Do not use in or around highly oxidative chemicals such as liquid oxygen, chlorine, or peroxides.

LIMITATIONS
Not recommended for: Joints continuously submerged under water; Areas needing paint or stain.

TYPICAL UNCURED PROPERTIES*

Physical Property	Base (Part A)	Catalyst (Part B)
Appearance	Black	Off-white
Viscosity Brookfield HBT #4	40,000 – 60,000 cps	30,000 – 55,000 cps
Specific Gravity	1.30 – 1.40	1.60 – 1.70

MIX RATIO BY WEIGHT*

Physical Property	Base to 1 gm Of Catalyst
Base Ratio by Volume	2:1
Base Weight (gm)	1.6

MIXED PROPERTIES*

Physical Property	Typical Value
Color	Black
Specific Gravity	1.46
Snap Time Range	10-15 minutes
Tack-Free Range	15 - 20 minutes
Sag, Boeing Jig	< 0.1

(continued on page 2)

5109 Hamilton Ave., Cleveland, OH 44114 USA | P (216) 881-3890 | F (216) 881-6977 | novagard.com | ISO 9001:2015, IATF 16949:2016

TYPICAL CURED PROPERTIES (2:1 by volume)*

Physical Property	Test Method	Typical Value
Color		Black
Tensile Strength	ASTM D412	200-250 psi
Elongation	ASTM D412	350-400%
Shore A Hardness	ASTM D2240	45-55
Peel Strength Aluminum Glass	ASTM C794	 >12.5 lbf >12.5 lbf
Green Strength 20 minutes – Glass 20 minutes – Aluminum 30 minutes – Glass 30 minutes – Aluminum	ASTM C1135	 20 psi 15 psi 55 psi 50 psi

*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. Please consult manufacturer for additional information.

ADDITIONAL INFORMATION

Novagard believes that the information provided is a true and accurate description of the typical characteristics of the aforementioned product; however, it is the responsibility of the individual user to thoroughly test the product in their specific application to determine performance, efficacy, and safety.

5109 Hamilton Ave., Cleveland, OH 44114 USA | P (216) 881-3890 | F (216) 881-6977 | novagard.com | ISO 9001:2015, IATF 16949:2016