



This is where you seal your reputation.

Silicone & Hybrid Installation Systems **NOVAGARD®**

A sealant system for every need.

You show up on schedule. You're organized and efficient. And your gunning skills? Next to none. You put your best into every install—make the effort count by putting the best into your gun.



Each tube contains over 40 years of silicone expertise. Making our sealants top performers. Contractor friendly products that help eliminate callbacks so you can confidently move on to the next job.

NOVAGARD
PERFORMANCE SILICONES

	Excellent adhesion to most building substrates	2
	Perfectly install metal roof and wall systems	4
	Seals gutters in wet and cold weather	6
	Strong hold that remains flexible	8
	Strong hold that complements coarse surfaces	10
	Primerless adhesion to concrete, metal, and asphalt	12
	Superior adhesion to fiberglass gel-coat & tile	14
	Here's what you get out of every tube	20

*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.

NovaFlex®, NovaBond®, NovaPatch™, NovaFlash™, and Novagard®, along with associated logos and trade dress, are all trademarks of Novagard Solutions, Inc. Other trademarks are the property of their respective owners. Any unauthorized use is expressly prohibited. All rights reserved.

FAST TACK

Need a faster hold?
 Ask us about M170, available in black and translucent.

CLASS 50 SEALANT



- Great for exterior and interior sealing
- No solvents or odor (50-state VOC compliant)
- Contractor friendly, no callbacks
- Mold/mildew resistant
- Permanently flexible
- Will not shrink or crack
- Waterproof
- 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
- Will not freeze

Also available in **FAST TACK** for Earlier Green Strength

Great for installing windows, vinyl siding, and sealing nooks and crannies inside and out,

NovaFlex Multi-Purpose Adhesive Sealant

is an odorless, all-weather silicone that completely cures in a couple of days, and remains flexible to resist cracking, mildew, and discoloration for years to come.



COLOR CHART

Visit novagard.com/colors to use our online matching tool to cross reference NovaFlex colors to popular manufacturers.
 See page 18 for Class 50 colors.

PRODUCT SPECIFICATIONS			
Physical Property	Test Method	Performance Range Type I - Class 35	Performance Range Type II - Class 50
Appearance		Paste (Various Colors)	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 - 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	20 +/- 5	25 +/- 5
Service Temperature		-40°F to 400°F (-40°C to 204°C)	-40°F to 400°F (-40°C to 204°C)
Application Temperature		-20°F to 160°F (-29°C to 71°C)	-20°F to 160°F (-29°C to 71°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
Adhesion Glass Aluminum Vinyl	ASTM D903	12 - 15 pli 10 - 14 pli 12 - 15 pli	12 - 15 pli 10 - 14 pli 12 - 15 pli

AVAILABLE IN: 10 ounce cartridges, 20 ounce sausage packs, 5 gallon pails, and 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 installation, bonding tub surrounds, and sealing gutters, flashing, rivets, corner joints, and screw heads.



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

A single-component, low-odor silicone perfect for installing metal roofs, wall panels, and trim

NovaFlex Metal Roof & Panel Adhesive Sealant

cures to most materials without corroding, drying to a durable, rubber-like solid that is impervious to UV light so it will never chalk or fade.



COLOR CHART



Visit novagard.com/colors to use our online matching tool to cross reference NovaFlex colors to popular manufacturers.

See page 18 for Class 50 colors.

CLASS 50 SEALANT

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range Type I - Class 35	Performance Range Type II - Class 50
Appearance		Paste (Various Colors)	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 - 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	20 +/- 5	25 +/- 5
Service Temperature		-40°F to 400°F (-40°C to 204°C)	-40°F to 400°F (-40°C to 204°C)
Application Temperature		-20°F to 160°F (-29°C to 71°C)	-20°F to 160°F (-29°C to 71°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
Adhesion Glass Aluminum Vinyl	ASTM D903	12 - 15 pli 10 - 14 pli 12 - 15 pli	12 - 15 pli 10 - 14 pli 12 - 15 pli

AVAILABLE IN: 10 ounce cartridges, 20 ounce sausage packs, 5 gallon pails, and 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: Sealing metal roofs and exterior metal wall panels and siding, rivets, gutters, corner joints, and screw heads. Window and door installation.



- Excellent adhesion
- All weather formula
- Impervious to UV light
- Non-flammable
- Extrudes from -20°F to 160°F
- UV and mold/mildew resistant
- Permanently flexible
- Solvent free
- Tack free in ≤15 minutes; cured in 24-30 hours

Encapsulating compounds that cure even when wet and remain flexible for a permanent seal.

NovaFlex Gutter Seal Paste & Semi-Self Leveling

The non-sag formula of the Paste is ideal for the assembly, repair, and sealing of gutters, while the self tooling Semi-Self Leveling is perfect for working into miters and corners.



COLOR CHART	
Paste	
	
GS150 Translucent	GS111 Gray
Semi-Self Leveling	
	
GS200 White	

PRODUCT SPECIFICATIONS			
Physical Property	Test Method	Performance Range Paste	Performance Range Semi-Self Leveling
Appearance		Paste (Translucent, Gray)	Fluid (White)
Viscosity	Brookfield #7 @ 10 rpm Brookfield #5 @ 10 rpm Brookfield #5 @ 20 rpm	3,500 - 8,000 poises - -	- 700 - 2,500 poises 500 - 1,800 poises
Extrusion Rate	1/8" Orifice @ 50 psi	30 - 80 grams/minute	-
Skin Over Time	3/8" @ 50% RH & 77°F	5 - 15 minutes	30 minutes max.
Through Cure	3/8" @ 50% RH & 77°F	24 - 30 hours	24 - 30 hours

TYPICAL PROPERTIES*			
Physical Property	Test Method	Typical Value Paste	Typical Value Semi-Self Leveling
Specific Gravity		1.00 - 1.50	1.27 - 1.37
Tensile Strength	ASTM D412	150 psi	150 - 225 psi
Elongation	ASTM D412	500%	500 - 950%
Tear Resistance	ASTM D624	30 - 35 pli	-
Hardness (Shore A)	ASTM D2240	20 +/- 5	35 +/- 5
Service Temperature		-40°F to 400°F (-40°C to 204°C)	-40°F to 400°F (-40°C to 204°C)
Application Temperature		-20°F to 160°F (-29°C to 71°C)	-20°F to 160°F (-29°C to 71°C)
Adhesion Glass Aluminum Steel PVC	ASTM D903	12-15 pli 10-14 pli >12 pli >12 pli	- >12 pli >12 pli >12 pli
Lap Shear Adhesion Gutter Material	ASTM D1002	100 - 150 psi	100 - 150 psi

AVAILABLE IN: 10 ounce cartridges, and 3 ounce squeeze tubes (gray paste only)

USES: Sealing gutters, downspouts, underdecks, patio covers, carports, and rain carrying systems.



- Can be painted/top coated in 1 hour
- No shrinking or cracking
- Safe to use indoors - no odor
- No solvents (50-state VOC compliant)
- Contractor friendly, no callbacks
- Great for interior and exterior sealing
- Will not sag or slump
- Excellent tooling properties
- Excellent weathering properties
- Joint movement +/- 35%
- Resists dirt pickup
- UV and mold/mildew resistant
- Creates clean edges and finishings on remodeling jobs
- Applies vertically and overhead
- Durable, long-lasting seal
- Bonds to a variety of substrates without priming

Color matched to James Hardie siding

Strongly adhering to almost any material while remaining permanently flexible,

NovaBond Hybrid Construction Sealant

is an all-weather, paintable formulation that resists shrinking and cracking, won't sag or slump, and effectively fights off mold and UV damage.

COLOR CHART

Visit novagard.com/colors to use our online matching tool to cross reference NovaBond colors to popular manufacturers.

James Hardie Matched



PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range Hybrid
Appearance		Paste (Various Colors)
Skin Over Time	3/8" @ 50% RH & 77°F	10 - 45 minutes
Through Cure	3/8" @ 50% RH & 77°F	7 days
Viscosity	Brookfield #7 @ 10 rpm	≥ 3,000 poises
Extrusion Rate	1/8" Orifice @ 50 psi	≥ 50 grams/minute

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value Hybrid
Specific Gravity		1.40 - 1.50
Tensile Strength	ASTM D412	200 psi
Elongation	ASTM D412	300%
Hardness (Shore A)	ASTM D2240	45 +/- 5
Service Temperature		-30°F to 200°F (-34°C to 93°C)
Application Temperature		-10°F to 160°F (-23°C to 71°C)
Adhesion Glass Aluminum Wood PVC	ASTM D903	13 pli 15 pli 15 pli 14 pli
Joint Movement	ASTM C719	+/- 35
UV Exposure	ASTM G154 (2,000 hours UV-A)	Pass

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 C-920, Type S, Grade NS, Class 35, use NT, M, G, A, and O. AAMA 802.3 (I), 803.3 (I), 805.2 C, 808.3

USES: Sealing siding, trim, windows, doors, flashings, weather sealing, pre-cast concrete, masonry, roofing details, stucco, fiber cement, and asphalt shingles. Finishing and edging around tub enclosures.



- Can be painted/top coated in 1 hour
- Safe to use indoors - no odor
- Looks like grout, holds like sealant
- No shrinking or cracking
- Great for interior and exterior sealing
- Will not sag or slump
- Excellent tooling properties
- Excellent weathering properties
- Joint movement +/- 25%
- Resists dirt pickup
- UV and mold/mildew resistant
- Applies vertically and overhead
- No solvents (50-state VOC compliant)
- Durable, long-lasting seal
- Bonds to a variety of substrates without priming

An easy way to complement coarse surfaces like mortar, brick, stone, concrete, asphalt, or stucco,

NovaBond Textured Hybrid Construction Sealant

develops a strong bond to most substrates without any primer, without any sagging or slumping, while fighting UV and mold, and remaining flexible to avoid chipping or cracking.

PRODUCT SPECIFICATIONS		
Physical Property	Test Method	Performance Range
Appearance		Textured Paste (Various Colors)
Skin Over Time	3/8" @ 50% RH & 77°F	15 - 45 minutes
Through Cure	3/8" @ 50% RH & 77°F	7 days

TYPICAL PROPERTIES*		
Physical Property	Test Method	Typical Value
Specific Gravity		1.40 - 1.50
Tensile Strength	ASTM D412	220 psi
Elongation	ASTM D412	200%
Hardness (Shore A)	ASTM D2240	45 +/- 5
Service Temperature		-30°F to 200°F (-34°C to 93°C)
Application Temperature		-10°F to 160°F (-23°C to 71°C)
Adhesion Aluminum Wood PVC	ASTM D903	15 pli 15 pli 14 pli
Joint Movement	ASTM C719	+/- 25
UV Exposure	ASTM G154 (2,000 hours UV-A)	Pass



COLOR CHART			
NBT100 White	NBT140 Beige	NBT3515 Cape Cod Gray	NBT159 Limestone
NBT120 Dark Bronze	NBT110 Black		

AVAILABLE IN: 10 ounce cartridges

SPECIFICATIONS: Meets or exceeds the performance characteristics of ASTM C-920, Type S, Grade NS, Class 25, use NT, M, A, and O.

USES: Sealing siding, trim, windows, doors, flashings, weather sealing, pre-cast concrete, masonry, roofing details, stucco, fiber cement, and asphalt shingles.

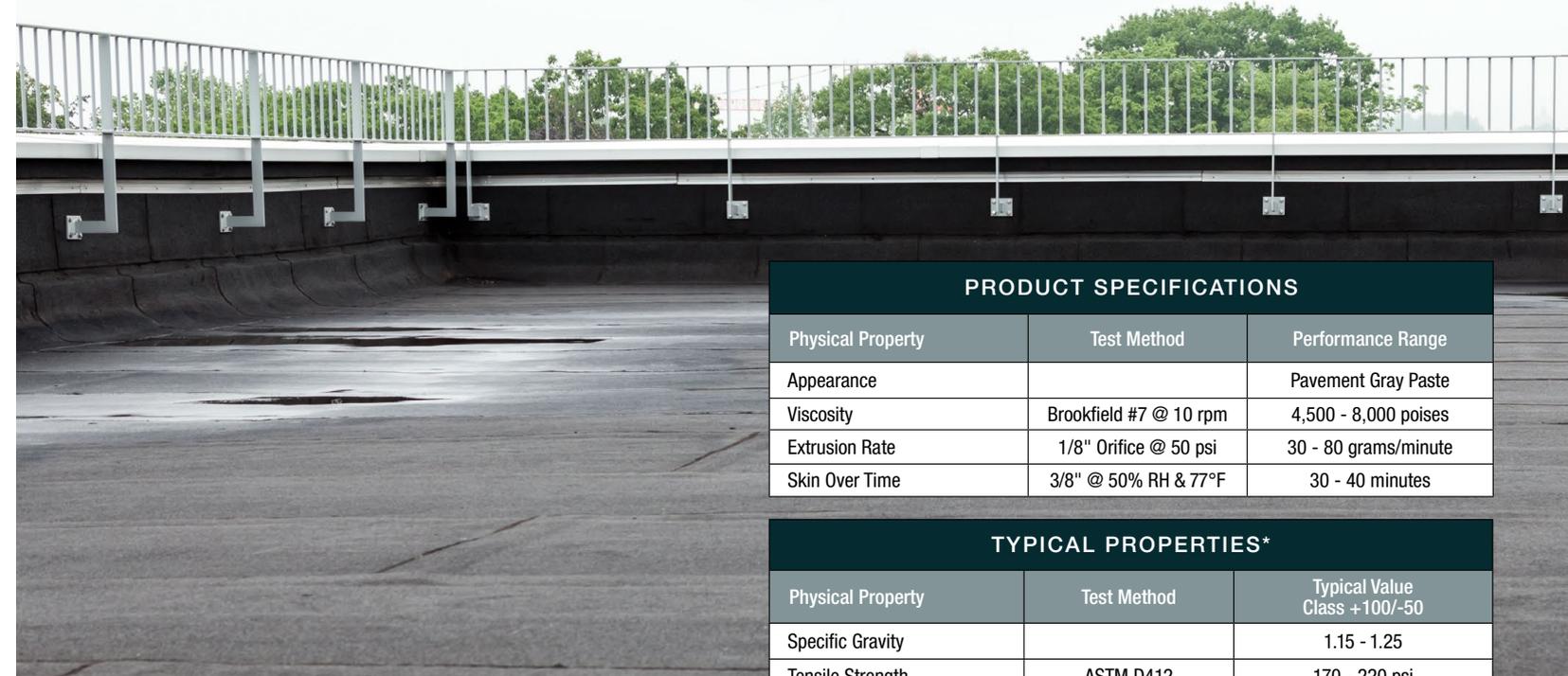


- Seals expansion joints in highways, pavement, and parking decks
- Acts as expansion joint between coping and the surrounding stone, tile, or concrete deck
- Ultra low modulus resulting in high movement capability
- Convenient single-component neutral curing
- Primerless adhesion to concrete and asphalt
- Class +100/-50
- VOC compliant

Designed for sealing joints in traffic bearing concrete or asphalt pavement and parking decks,

NovaFlex Joint Sealant

offers primerless adhesion and is equally effective in transverse contraction and expansion joints, as well as longitudinal, centerline, and shoulder joints.



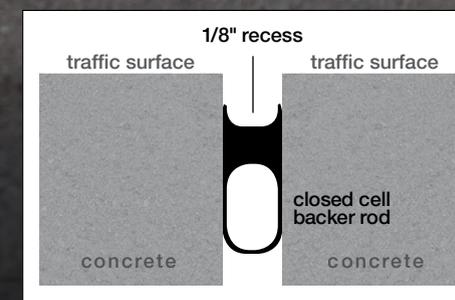
PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Pavement Gray Paste
Viscosity	Brookfield #7 @ 10 rpm	4,500 - 8,000 poises
Extrusion Rate	1/8" Orifice @ 50 psi	30 - 80 grams/minute
Skin Over Time	3/8" @ 50% RH & 77°F	30 - 40 minutes

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value Class +100/-50
Specific Gravity		1.15 - 1.25
Tensile Strength	ASTM D412	170 - 220 psi
Elongation	ASTM D412	1,400%
Tear Resistance	ASTM D624	30 - 35 pli
Hardness (Shore A)	ASTM D2240	14 +/- 5
Through Cure	3/8" @ 50% RH & 77°F	7 days
Service Temperature		-40°F to 400°F (-40°C to 204°C)
Application Temperature		-20°F to 160°F (-29°C to 71°C)
Adhesion (@600% Elongation) Asphalt Concrete Metal	ASTM D903	70 psi 70 psi 70 psi
Joint Sealant Designation	ASTM C920	Type S Grade NS Class +100/-50

COLOR CHART



AVAILABLE IN: 20 ounce sausage packs, 1 gallon pails, and 5 gallon pails.

SPECIFICATIONS: Meets or exceeds the performance characteristics of ASTM C-920, TT-S-001543, and TT-S-230C, Type S, Grade NS, Use T, T2, M, O, ASTM D5893 Type NS.

USES: Sealing joints in traffic bearing concrete or asphalt pavement and parking decks. Also includes transverse contraction and expansion joints, longitudinal, centerline, and shoulder joints. Joining pool coping to the surrounding stone, tile, or concrete pad/patio/deck.



- Mold & mildew resistant
- Safe to use indoors
- Long lasting and durable
- Low odor, non-corrosive neutral cure
- Excellent adhesion to ceramic, gel-coat, fiberglass, porcelain, and glass
- Skins over in 10 - 30 minutes, completely cured in 24 hours

Formulated for sealing tub surround panels and grouting the joints between ceramic tiles,

NovaFlex Silicone Tub Sealant & Pool Tile Grout

resists mold and mildew while always retaining flexibility so there is never any cracking or chipping.



PRODUCT SPECIFICATIONS		
Physical Property	Test Method	Performance Range
Appearance		Paste (Various Colors)
Viscosity	Brookfield #7 @ 10 rpm	1,500 - 3,700 poises
Skin Over Time	3/8" @ 50% RH & 77°F	10 - 30 minutes
Through Cure	3/8" @ 50% RH & 77°F	24 hours

TYPICAL PROPERTIES*		
Physical Property	Test Method	Typical Value
Specific Gravity		1.00 - 1.05
Tensile Strength	ASTM D412	140 - 160 psi
Elongation	ASTM D412	400 - 500%
Tear Resistance	ASTM D624	20 - 25 pli
Service Temperature		-40°F to 400°F (-40°C to 204°C)
Application Temperature		0°F to 120°F (-18°C to 49°C)
VOC	EPA 24	<20 g/L
Hardness (Shore A)	ASTM D2240	20 +/- 5
Adhesion Glass Aluminum Lexan®	ASTM D903	10 - 14 pli 12 - 15 pli 10 - 14 pli

COLOR CHART			
700-161 Clear	700-164 White	700-182 Antique White	700-185 Translucent Gray
700-184 Taffeta	700-173 Pool Blue	700-187 Translucent Beige	700-186 Arctic Ice
700-165 Gray	700-183 Granite	700-166 Tan	700-171 Black

AVAILABLE IN: 10 ounce cartridges
USES: Grouting pool tile with no mixing. Sealing seams and penetrations of tub surrounds, bath, and shower enclosures.



Whether you focus on **remodeling projects** or you work in **new construction**, **NovaFlex products reduce callbacks!**

NOVAGARD
PERFORMANCE SILICONES

Novagard's line of bath remodeling products are easy-to-use with superior adhesion to most common substrates. Our products are safe to use indoors – VOC compliant in all 50 states, they are low odor and contain no solvents.

Our 3-part system includes an odorless **Tub Surround Adhesive** that provides a mold and mildew resistant seal, 12 colors of **Tub Surround Sealant** designed for sealing seams and penetrations, and a paintable **Tub Finishing Sealant** that is perfect for clean edges and finishing around the tub enclosure.



1



Tub Surround Adhesive

Ideal for installing tub surrounds, this quick grabbing adhesive is an odorless silicone that remains flexible to resist cracking and mildew for years to come.

- Provides a mold and mildew resistant seal
- Easy-to-use adhesive for bonding tub surrounds to most common building substrates
- No solvents or odor
- VOC compliant and green building compliant in all 50 states
- Tack free in 10 minutes, completely cured in 48 hours



3



Tub Finishing Sealant

Perfect for clean edges and finishing around the tub enclosure, NovaBond Hybrid Sealant can be painted/top coated in one hour for seamless color matching.

- Resists shrinking and cracking
- Applies vertically and overhead
- Safe to use indoors — no odor
- Bonds to common substrates without priming
- Resists dirt pickup & is mold/mildew resistant



Tub Surround Sealant

Designed for sealing seams and penetrations, NovaFlex Silicone Tub Sealant & Pool Tile Grout is a low odor, non-corrosive sealant that requires no mixing.

- Mold and mildew resistant
- Safe to use indoors
- Long lasting and durable
- Skins over in 10 - 30 minutes, completely cured in 24 hours
- Will not crack or drop out of joints



2



NOVAFLEX Class 50 Colors

- Neutral cure silicone
- Excellent adhesion
- Permanently flexible
- Extrudes from -20°F to 160°F
- Adheres to:
 - Metals
 - Wood
 - Glass
 - Masonry
 - PVC/PVDF
 - Common Construction Materials

Available with a 5, 10, or 20 year warranty.
Consult your distributor or representative.



Along with excellent adhesion and permanent flexibility, our class 50 sealants also offer an amazing choice of colors. Don't see just the one you're looking for?

Call us, or visit us at novagard.com/colors to use our online matching tool to cross reference to popular manufacturers.

Colors shown for illustrative purposes. Verify product color match before applying.

Excellent
adhesion to
most building
substrates



**NovaFlex 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
SLUMP (Flow)	no slump
SPECIFIC GRAVITY	1.00 - 1.05 Type I/Class 35 1.15 - 1.25 Type II/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)	20 +/- 5 Type I/Class 35 25 +/- 5 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)
ADHESION (ASTM D903) GLASS ALUMINUM VINYL	12 - 15 pli 10 - 14 pli 12 - 15 pli
JOINT SEALANT DESIGNATION (ASTM C920)	Type S, Grade NS Class 35/50 Use NT, M, G, A, O

Perfectly install
metal roof and
wall systems



**NovaFlex Metal Roof &
Panel 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
SLUMP (Flow)	no slump
SPECIFIC GRAVITY	1.00 - 1.05 Type I/Class 35 1.15 - 1.25 Type II/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)	20 +/- 5 Type I/Class 35 25 +/- 5 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)
ADHESION (ASTM D903) GLASS ALUMINUM VINYL	12 - 15 pli 10 - 14 pli 12 - 15 pli
JOINT SEALANT DESIGNATION (ASTM C920)	Type S, Grade NS Class 35/50 Use NT, M, G, A, O

Seals gutters in
wet and cold
weather



**NovaFlex Gutter Seal Paste &
Gutter Seal Semi-Self Leveling**

APPEARANCE	Paste Fluid Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	3,500 - 8,000 Paste 700 - 2,500 Fluid 500 - 1,800 Fluid
EXTRUSION RATE (grams/minute)	30 - 80 Paste 1/8" Orifice @ 50 psi - Fluid
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	5 - 15 min Paste < 30 min Fluid
THROUGH CURE (3/8" @ 50% RH & 77°F)	24 - 30 hours
SLUMP (Flow)	no slump Paste - Fluid
SPECIFIC GRAVITY	1.00 - 1.50 Paste 1.27 - 1.37 Fluid
TENSILE STRENGTH (ASTM D412)	150 psi Paste 150-225 psi Fluid
ELONGATION (ASTM D412)	500% Paste 500-950% Fluid
TEAR RESISTANCE (ASTM D624)	30 - 35 pli Paste - Fluid
HARDNESS (SHORE A) (ASTM D2240)	20 +/- 5 Paste 35 +/- 5 Fluid
SERVICE TEMPERATURE	-40°F to 400°F (-40°C to 204°C)
APPLICATION TEMPERATURE	-20°F to 160°F (-29°C to 71°C)
ADHESION (ASTM D903) PASTE FLUID GLASS ALUMINUM STEEL VINYL PVC	10-14 pli Paste >12 pli Fluid >12 pli Paste >12 pli Fluid
JOINT SEALANT DESIGNATION (ASTM C920)	-

Strong hold
that remains
flexible



**NovaBond Hybrid
Construction Sealant**

APPEARANCE	Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	≥ 3,000
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 psi
ELONGATION (ASTM D412)	300%
TEAR RESISTANCE (ASTM D624)	-
HARDNESS (SHORE A) (ASTM D2240)	45 +/- 5
SERVICE TEMPERATURE	-30°F to 200°F (-34°C to 93°C)
APPLICATION TEMPERATURE	-10°F to 160°F (-23°C to 71°C)
ADHESION (ASTM D903) GLASS ALUMINUM WOOD VINYL PVC	13 pli 15 pli 15 pli 15 pli 14 pli
JOINT SEALANT DESIGNATION (ASTM C920)	Type S, Grade NS Class 35 Use NT, M, G, A, O

Strong hold that
complements
coarse surfaces



**NovaBond Textured Hybrid
Construction Sealant**

APPEARANCE	Textured Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	-
EXTRUSION RATE (grams/minute)	-
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	15 - 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)	220 psi
ELONGATION (ASTM D412)	200%
TEAR RESISTANCE (ASTM D624)	-
HARDNESS (SHORE A) (ASTM D2240)	45 +/- 5
SERVICE TEMPERATURE	-30°F to 200°F (-34°C to 93°C)
APPLICATION TEMPERATURE	-10°F to 160°F (-23°C to 71°C)
ADHESION (ASTM D903) ALUMINUM WOOD VINYL PVC	15 pli 15 pli 15 pli 14 pli
JOINT SEALANT DESIGNATION (ASTM C920)	Type S, Grade NS Class 25 Use NT, M, A, O

Primerless
adhesion to
concrete, metal,
and asphalt



NovaFlex Joint Sealant

APPEARANCE	Paste Pavement Gray
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	4,500 - 8,000
EXTRUSION RATE (grams/minute)	30 - 80 1/8" Orifice @ 50 psi
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	30 - 40 min
THROUGH CURE (3/8" @ 50% RH & 77°F)	7 days
SLUMP (Flow)	no slump
SPECIFIC GRAVITY	1.15 - 1.25
TENSILE STRENGTH (ASTM D412)	170 - 220 psi
ELONGATION (ASTM D412)	1,400%
TEAR RESISTANCE (ASTM D624)	30 - 35 pli
HARDNESS (SHORE A) (ASTM D2240)	14 +/- 5
SERVICE TEMPERATURE	-40°F to 400°F (-40°C to 204°C)
APPLICATION TEMPERATURE	-20°F to 160°F (-29°C to 71°C)
ADHESION (ASTM D903) GLASS ASPHALT CONCRETE METAL	@600% elongation 70 psi 70 psi 70 psi
JOINT SEALANT DESIGNATION (ASTM C920)	Type S, Grade NS Class +100/-50 Use T, T2, M, O

Superior
adhesion to
fiberglass
gel-coat & tile



**NovaFlex Silicone Tub
Sealant & Pool Tile Grout**

APPEARANCE	Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	1,500 - 3,700
EXTRUSION RATE (grams/minute)	-
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	10 - 30 min
THROUGH CURE (3/8" @ 50% RH & 77°F)	24 hours
SLUMP (Flow)	no slump
SPECIFIC GRAVITY	1.00 - 1.05
TENSILE STRENGTH (ASTM D412)	140 - 160 psi
ELONGATION (ASTM D412)	400 - 500%
TEAR RESISTANCE (ASTM D624)	20 - 25 pli
HARDNESS (SHORE A) (ASTM D2240)	20 +/- 5
SERVICE TEMPERATURE	-40°F to 400°F (-40°C to 204°C)
APPLICATION TEMPERATURE	0°F to 120°F (-18°C to 49°C)
ADHESION (ASTM D903) GLASS ALUMINUM LEXAN®	10 - 14 pli 12 - 15 pli 10 - 14 pli
JOINT SEALANT DESIGNATION (ASTM C920)	-



Scan for more
product info

We're ready to talk when you are.

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

(216) 881-8111 | (800) 380-0138 | novagard.com

What does over 40 years of silicone experience get you?

Sealants that are just right for the job.

Sealants that won't freeze when you leave them in your truck overnight.

Sealants that gun crazy good.

Sealants with ample flexibility to last the long haul.

Sealants that make all your effort worth it.

Sealants that are contractor friendly.

Sealants that minimize callbacks.

Great products you can count on.

Great people you can count on, too.

It will be a pleasure working together with you.

NOVAGARD[®]

PERFORMANCE SILICONES | WOMAN OWNED



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