



**NO MATTER THE**



**ROOF, WE HAVE**



**THE SEALANT.**

# A sealant system for every need.

So, what are you putting up today? Metal roofing? Cedar shakes? A big, commercial, flat job? Don't put up with anything less than Novagard.



Our products are easy to work with, offer perfect color matching, and can tackle any job, with over 40 years of silicone know-how fortifying every tube, sausage, and pail. So take your next roofing job a little higher—with Novagard.

**NOVAGARD®**  
PERFORMANCE SILICONES

	Superior UV resistance	2
	Excellent adhesion to most building substrates	4
	Seals gutters in wet and cold weather	6
	Strong hold that remains flexible	8
	Strong hold that complements coarse surfaces	8
	No bubbling, rainproof in 1 hour	10
	Extra -tough 100% silicone rubber with fibers	12
	Easy-to-apply mastic	12
	Perfect for emergency repairs	14

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\*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 info.



- 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



**Quick fix!**  
Fix leaks fast with our Repair & Patch Mastic on page 14

# NOVA FLEX SILICONE

**Metal Roof & Panel Adhesive Sealant**  
**Scellant adhesif pour toitures métalliques**  
**Sellador adhesivo para techos de metal**

A single-component, low-odor silicone used to seal seams and fill joints,

## NovaFlex Metal Roof & Panel Adhesive Sealant

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



### COLOR CHART

MR150 Translucent	MR101 Blue White	MR100 White	MR105 Antique White	MR3401 Eggshell
MR146 Stone	MR3461 Almond	MR191 Sandstone	MR3482 Sand	MR3404 Wheat
MR3333 Sierra Tan	MR3201 Coppertone	MR157 Copper	MR184 Terracotta	MR182 Red
MR180 Brandywine	MR196 Regal Red	MR171 Regal Blue	MR3801 Pacific Blue	MR3510 Weathered Zinc
MR197 Patina Green	MR3702 Hemlock Green	MR169 Green	MR168 Hartford Green	MR115 Light Gray
MR3514 Gutter Gray	MR4103 Silver Metallic	MR156 Silver	MR118 Slate Gray	MR3421 Champagne Metallic
MR155 Champagne	MR117 Gunmetal Gray	MR134 Medium Bronze	MR137 Brown	MR131 Chocolate Brown
MR120 Dark Bronze	MR121 Lincoln Bronze	MR126 Charcoal Gray	MR194 Exterior Bronze	MR110 Black

Visit [novagard.com/colors](http://novagard.com/colors) to use our online matching tool to cross reference NovaFlex colors to popular manufacturers.  
See page 16 for Class 50 colors. Custom colors available upon request.



### 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
Shore A Hardness	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 exterior metal wall and roof panels, rivets, gutters, corner joints, and screw heads.

**FAST TACK**

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

**CLASS 50 SEALANT**



- 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

Your go-to for flashing, cap-beading, gutters, nail fins, and more,

# 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**

MX150 Translucent	MX101 Blue White	MX104 Up White	MX100 White	MX105 Antique White
MX107 Canvas	MX143 Almond	MX140 Beige	MX138 Dark Sand	MX159 Limestone
MX111 Gray	MX112 Dark Gray	MX146 Sandstone	MX141 Tan	MX134 Terratone
MX130 Imperial Brown	MX132 Earthtone	MX120 Dark Bronze	MX121 Lincoln Bronze	MX122 Bronze
	MX193 Cocoa Bean	MX194 Exterior Bronze	MX110 Black	

Visit [novagard.com/colors](http://novagard.com/colors) to use our online matching tool to cross reference NovaFlex colors to popular manufacturers.  
See page 16 for Class 50 colors. Custom colors available upon request.

**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
Shore A Hardness	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 gutters, flashing, rivets, corner joints, and screw heads.



- Excellent adhesion
- Non-flammable
- Extrudes down to -20°F
- UV and mold/mildew resistant
- Permanently flexible
- All weather formula
- Solvent free
- Invisible to UV light
- Tack free in  $\leq 15$  minutes; cured in 24-30 hours

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

## NovaFlex Gutter Seal Paste & Flowable

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



PRODUCT SPECIFICATIONS			
Physical Property	Test Method	Performance Range Paste	Performance Range Flowable
Appearance		Paste (Translucent, White, Gray)	Fluid (Translucent, White, Gray, Primer Gray)
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 Flowable
Specific Gravity		1.00 - 1.50	1.00 - 1.50
Tensile Strength	ASTM D412	150 psi	150 psi
Elongation	ASTM D412	500%	500%
Tear Resistance	ASTM D624	30 - 35 pli	-
Shore A Hardness	ASTM D2240	20 +/- 5	20 +/- 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	ASTM D903	>15 pli	>15 pli
Aluminum		>15 pli	>15 pli



COLOR CHART			
Paste			
GS150 Translucent	GS100 White	GS3514 Gray	
Flowable			
GS250 Translucent	GS200 White	GS20115 Gray	GS214 Primer Gray

**AVAILABLE IN:** 10 ounce cartridges and 3 ounce squeeze tubes.

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



- Can be painted/top coated in 1 hour
- Great for interior and exterior sealing
- Will not sag or slump
- Excellent tooling properties
- Excellent weathering properties
- Joint movement +/- 25% to +/- 35%
- No shrinking or cracking
- Resists dirt pickup
- UV and mold/mildew resistant
- Applies vertically and overhead
- Safe to use indoors - no odor
- No solvents (50-state VOC compliant)
- Durable, long-lasting seal
- Bonds to a variety of substrates without priming

Color matched to James Hardie siding

Two advanced hybrids that strongly adhere to almost any material while remaining permanently flexible.

# NovaBond Hybrid & Textured Hybrid Construction Sealants

Their all weather, paintable formulations resist shrinking and cracking, and effectively fight off mold and UV damage, while the Textured option also offers an easy way to complement coarse surfaces like mortar, brick, stone, concrete, asphalt, or stucco.

### COLOR CHART

**Hybrid**

NBP100 White	NBP105 Antique White	NBP107 Canvas	NBP140 Beige	NBP191 Monterey Sand
NBP3515 Cape Cod Gray	NBP159 Limestone	NBP146 Sandstone	NBP134 Terratone	NBP182 Red Rock
NBP193 Cocoa Bean	NBP120 Dark Bronze	NBP121 Lincoln Bronze	NBP194 Exterior Bronze	NBP162 Forrest Green
				NBP110 Black

Visit [novagard.com/colors](http://novagard.com/colors) to use our online matching tool to cross reference NovaBond colors to popular manufacturers.

**Textured Hybrid**

NBT100 White	NBT140 Beige	NBT3515 Cape Cod Gray	NBT159 Limestone	NBT120 Dark Bronze	NBT110 Black
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**James Hardie Matched**

NBP100 Prime & Paint	NBP3020 Arctic White	NBP3021 Sail Cloth	NBP3434 Navajo Beige	NBP3610 Woodland Cream
NBP3615 Embellished Cream (Walls)	NBP3431 Cobble Stone	NBP3532 Pearl Gray	NBP3436 Sandstone Beige	NBP3430 Autumn Tan
NBP3531 Light Mist	NBP3433 Monterey Taupe	NBP3432 Khaki Brown	NBP3753 Heathered Moss	NBP3752 Mountain Sage
NBP3242 Woodstock Brown	NBP3241 Timber Bark	NBP3810 Boothbay Blue	NBP3811 Evening Blue	NBP3812 Deep Ocean
NBP3533 Night Gray	NBP3526 Gray Slate	NBP3243 Chestnut Brown	NBP3940 Countrylane Red	NBP3231 Rich Espresso
	NBP3527 Iron Gray	NBP3525 Aged Pewter		NBP110 Midnight Black

### PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range Hybrid	Performance Range Textured Hybrid
Appearance		Paste (Various Colors)	Textured Paste (Various Colors)
Skin Over Time	3/8" @ 50% RH & 77°F	10 - 45 minutes	15 - 45 minutes
Through Cure	3/8" @ 50% RH & 77°F	7 days	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	Typical Value Textured Hybrid
Specific Gravity		1.40 - 1.50	1.40 - 1.50
Tensile Strength	ASTM D412	200 psi	220 psi
Elongation	ASTM D412	300%	200%
Shore A Hardness	ASTM D2240	45 +/- 5	45 +/- 5
Service Temperature		-30°F to 200°F (-34°C to 93°C)	-30°F to 200°F (-34°C to 93°C)
Application Temperature		-10°F to 160°F (-23°C to 71°C)	-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	- 15 pli 15 pli 14 pli
Joint Movement	ASTM C719	+/- 35	+/- 25
UV Exposure	ASTM G154 (2,000 hours UV-A)	Pass	Pass

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

**HYBRID 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.

**TEXTURED HYBRID 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 flashings, weather sealing, pre-cast concrete, masonry, roofing details, stucco, fiber cement, and asphalt shingles.



- Rainproof in 1 hour (70°F/50% RH)
- Applies down to 10°F
- Will not shrink upon curing
- No mixing required
- No special tools required
- 18 month shelf life
- Solvent free, contains no isocyanates
- No outgassing or bubbling on damp surfaces (common with urethane products)
- 5 year limited warranty

A moisture curing, pourable sealant for pitch pans and other penetration seals,

## NovaFlex Pitch Pocket Penetration Sealant

is semi self-leveling, while viscous enough to avoid drain-out issues, and can be applied in damp, dry, or cold climates, drying to an elastomeric, rubber-like solid.

PRODUCT SPECIFICATIONS		
Physical Property	Test Method	Performance Range
Appearance		Flowable (Various Colors)
Viscosity	Brookfield #7 @ 10 rpm	750 - 1,250 posies
Skin Over Time	3/8" @ 50% RH & 77°F	15 - 45 minutes

TYPICAL PROPERTIES*		
Physical Property	Test Method	Typical Value
Specific Gravity		1.13 - 1.15
Tensile Strength	ASTM D412	60 - 80 psi
Elongation	ASTM D412	1,200 - 1,450%
Tear Resistance	ASTM D624	12 - 17 pli
Shore A Hardness	ASTM D2240	5 +/- 2
Service Temperature		-40°F to 400°F (-40°C to 204°C)
Application Temperature		-20°F to 160°F (-29°C to 71°C)

**COLOR CHART**



MXP100  
White



MXP111  
Gray



MXP110  
Black

**AVAILABLE IN:** 20 ounce sausage packs

**USES:** Sealing in pitch pans and other penetration seals.



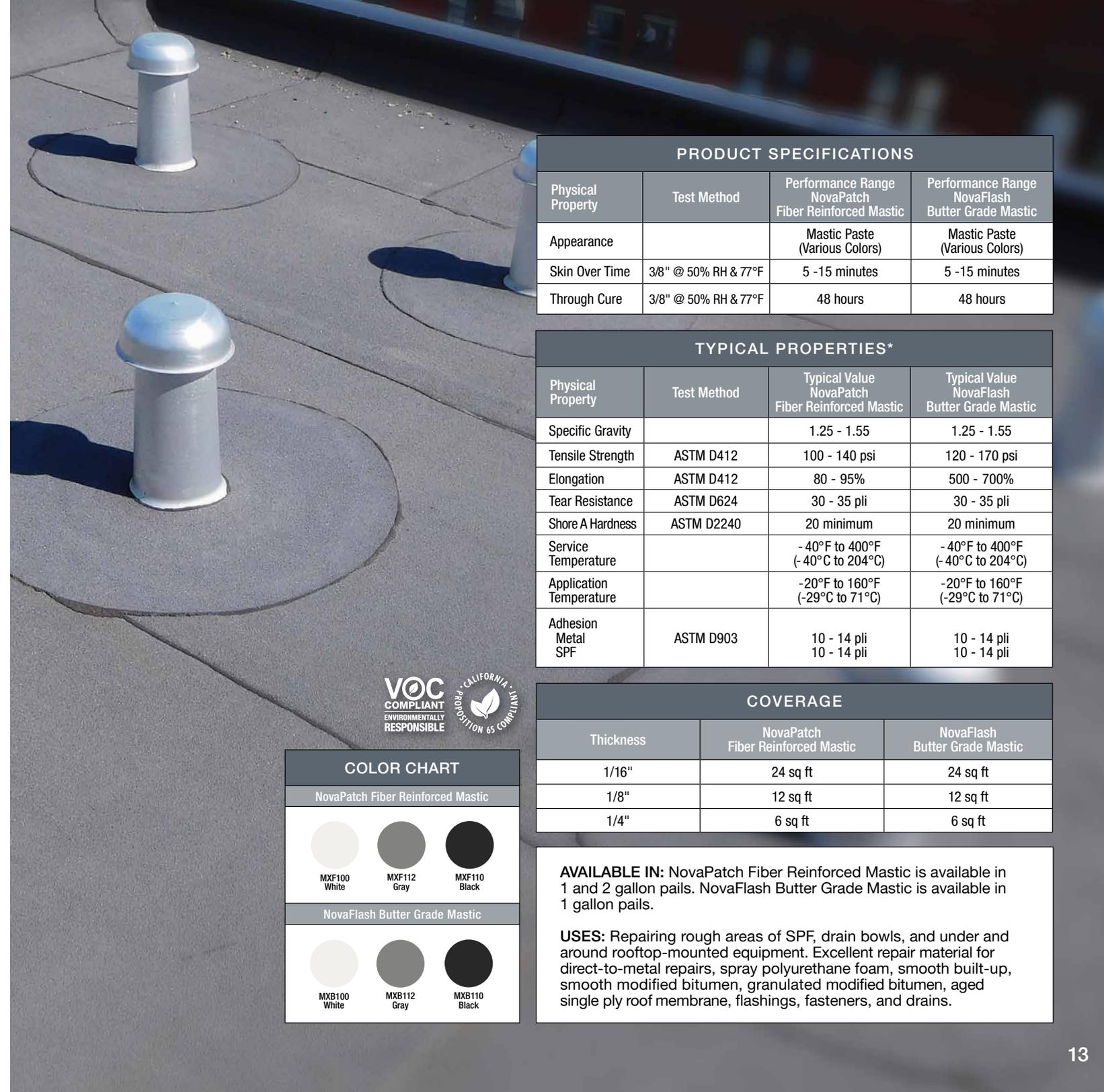


- Excellent repair material for many roofing substrates
- Rain safe in 1 hour (70°F/50% RH)
- Excellent adhesion and hang
- Solvent-free
- VOC compliant
- Resistant to ponding water
- No hardening, chalking, crazing, or cracking
- Wide temperature application range: -20°F to 160°F
- Wide temperature performance range: -40°F to 400°F

Two excellent repair materials for most roofing substrates, which can be easily applied by brush or trowel up to 1/2" thick on horizontal and vertical surfaces.

## NovaPatch Fiber Reinforced Mastic & NovaFlash Butter Grade Mastic

The smoothness of NovaFlash allows coating over flashing or even flashing to be 'painted on', while the fiber strands in NovaPatch make it perfect for emergency repairs.



PRODUCT SPECIFICATIONS			
Physical Property	Test Method	Performance Range NovaPatch Fiber Reinforced Mastic	Performance Range NovaFlash Butter Grade Mastic
Appearance		Mastic Paste (Various Colors)	Mastic Paste (Various Colors)
Skin Over Time	3/8" @ 50% RH & 77°F	5 -15 minutes	5 -15 minutes
Through Cure	3/8" @ 50% RH & 77°F	48 hours	48 hours

TYPICAL PROPERTIES*			
Physical Property	Test Method	Typical Value NovaPatch Fiber Reinforced Mastic	Typical Value NovaFlash Butter Grade Mastic
Specific Gravity		1.25 - 1.55	1.25 - 1.55
Tensile Strength	ASTM D412	100 - 140 psi	120 - 170 psi
Elongation	ASTM D412	80 - 95%	500 - 700%
Tear Resistance	ASTM D624	30 - 35 pli	30 - 35 pli
Shore A Hardness	ASTM D2240	20 minimum	20 minimum
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 Metal SPF	ASTM D903	10 - 14 pli 10 - 14 pli	10 - 14 pli 10 - 14 pli

COVERAGE		
Thickness	NovaPatch Fiber Reinforced Mastic	NovaFlash Butter Grade Mastic
1/16"	24 sq ft	24 sq ft
1/8"	12 sq ft	12 sq ft
1/4"	6 sq ft	6 sq ft

**AVAILABLE IN:** NovaPatch Fiber Reinforced Mastic is available in 1 and 2 gallon pails. NovaFlash Butter Grade Mastic is available in 1 gallon pails.

**USES:** Repairing rough areas of SPF, drain bowls, and under and around rooftop-mounted equipment. Excellent repair material for direct-to-metal repairs, spray polyurethane foam, smooth built-up, smooth modified bitumen, granulated modified bitumen, aged single ply roof membrane, flashings, fasteners, and drains.

**COLOR CHART**

NovaPatch Fiber Reinforced Mastic

MXF100 White    MXF112 Gray    MXF110 Black

NovaFlash Butter Grade Mastic

MXB100 White    MXB112 Gray    MXB110 Black



- Translucent formula makes repairs less noticeable
- 100% silicone rubber (solvent free, no odor)
- Excellent repair material for many substrates
- Rain safe in 1 hour (70°F/50% RH)
- Excellent adhesion and hang
- Easily applied with a brush or trowel
- VOC Compliant
- No hardening, chalking, crazing, or cracking
- Application temperature: -20°F to 160°F
- Service temperature: -40°F to 400°F

## Perfect for emergency repairs to leaky metal roofs, NovaFlex Metal Roof Repair & Patch Mastic

can be quickly applied with a trowel or brush, fully curing into a translucent, rubber-like solid in as little as 48 hours.



PRODUCT SPECIFICATIONS		
Physical Property	Test Method	Performance Range
Appearance		Mastic Paste (Translucent)
Viscosity	Brookfield #7 @ 10 rpm	3,500 - 7,000 poises
Skin Over Time	3/8" @ 50% RH & 77°F	5 - 10 minutes
Through Cure	3/8" @ 50% RH & 77°F	48 hours

TYPICAL PROPERTIES*		
Physical Property	Test Method	Typical Value
Specific Gravity		1.00 - 1.05
Tensile Strength	ASTM D412	140 - 200 psi
Elongation	ASTM D412	500 - 650%
Tear Resistance	ASTM D624	30 - 35 pli
Shore A Hardness	ASTM D2240	20 +/- 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)
Joint Sealant Designation	ASTM C920	Type S Grade NS Class 35 Use NT, M, G, A, O
Adhesion Glass Aluminum Vinyl	ASTM D903	12 - 15 pli 10 - 14 pli 12 - 15 pli

\*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 info.



### COLOR CHART



**AVAILABLE IN:** 1 gallon pails

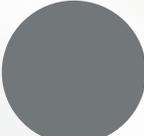
**SPECIFICATIONS:** Meets or exceeds ASTM C-920, TT-S-001543A and TT-S-230C.

**USES:** Repairing metal siding/metal roofs, gutters, chimney flashing, snow guards, pipe boots, and downspouts/trim.

# NOVAFLEX Class 50 Colors

- Neutral cure silicone
- Excellent adhesion
- Permanently flexible
- Extrudes to -20°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.

 MR100 White	 MR101 Blue White	 MR105 Antique White	 MX107 Canvas	 MR3401 Eggshell	 MX3232 Medium Oak	 MX3234 Vintage Pecan	 MX3235 Cherry	 MR3801 Pacific Blue	 MR171 Regal Blue
 MX143 Almond	 MR3461 Almond	 MR3482 Sand	 MR3404 Wheat	 MX3405 Beige (#70)	 MR197 Patina Green	 MR3702 Hemlock Green	 MR169 Green	 MX3701 Green (#39)	 MR168 Hartford Green
 MX140 Beige	 MR191 Sandstone	 MX111 Gray	 MX3503 Gray (#81)	 MR115 Light Gray	 MR155 Champagne	 MR134 Medium Bronze	 MR117 Gunmetal Gray	 MX132 Earthtone	 MX3203 Brown (#72)
 MX138 Dark Sand	 MR146 Stone	 MR3333 Sierra Tan	 MR156 Silver	 MX3302 Clay (#80)	 MX130 Imperial Brown	 MX3204 Bronze (#62)	 MR122 Bronze	 MR121 Lincoln Bronze	 MR131 Chocolate Brown
 MX3322 Clay	 MX159 Limestone	 MR3514 Gutter Gray	 MX141 Tan	 MR3510 Weathered Zinc	 MR126 Charcoal	 MR120 Dark Bronze	 MX3206 Architectural Bronze (#26)	 MR194 Exterior Bronze	 MX110 Black



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](http://novagard.com/colors) to use our online matching tool to cross reference to popular manufacturers.

## Superior UV resistance



**NovaFlex Metal Roof & Panel Adhesive Sealant**

APPEARANCE	Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	<b>3,500 - 7,000</b> Type I/Class 35 <b>4,500 - 8,000</b> Type II/Class 50
EXTRUSION RATE (grams/minute)	<b>30 - 80</b> 1/8" Orifice @ 50 psi
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	<b>5 - 10 min</b>
THROUGH CURE (3/8" @ 50% RH & 77°F)	<b>48 hours</b>
SLUMP (Flow)	<b>no slump</b>
SPECIFIC GRAVITY	<b>1.00 - 1.05</b> Type I/Class 35 <b>1.15 - 1.25</b> Type II/Class 50
TENSILE STRENGTH (ASTM D412)	<b>140 - 200 psi</b> Type I/Class 35 <b>170 - 220 psi</b> Type II/Class 50
ELONGATION (ASTM D412)	<b>500 - 650%</b> Type I/Class 35 <b>800 - 1,000%</b> Type II/Class 50
TEAR RESISTANCE (ASTM D624)	<b>30 - 35 pli</b>
SHORE A HARDNESS (ASTM D2240)	<b>20 +/- 5</b> Type I/Class 35 <b>25 +/- 5</b> Type II/Class 50
SERVICE TEMPERATURE	<b>-40°F to 400°F</b> (-40°C to 204°C)
APPLICATION TEMPERATURE	<b>-20°F to 160°F</b> (-29°C to 71°C)
ADHESION (ASTM D903) GLASS ALUMINUM VINYL	<b>12 - 15 pli</b> <b>10 - 14 pli</b> <b>12 - 15 pli</b>
JOINT SEALANT DESIGNATION (ASTM C920)	<b>Type S, Grade NS</b> <b>Class 35/50</b> Use NT, M, G, A, O

## Excellent adhesion to most building substrates



**NovaFlex Multi-Purpose Adhesive Sealant**

APPEARANCE	Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	<b>3,500 - 7,000</b> Type I/Class 35 <b>4,500 - 8,000</b> Type II/Class 50
EXTRUSION RATE (grams/minute)	<b>30 - 80</b> 1/8" Orifice @ 50 psi
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	<b>5 - 10 min</b>
THROUGH CURE (3/8" @ 50% RH & 77°F)	<b>48 hours</b>
SLUMP (Flow)	<b>no slump</b>
SPECIFIC GRAVITY	<b>1.00 - 1.05</b> Type I/Class 35 <b>1.15 - 1.25</b> Type II/Class 50
TENSILE STRENGTH (ASTM D412)	<b>140 - 200 psi</b> Type I/Class 35 <b>170 - 220 psi</b> Type II/Class 50
ELONGATION (ASTM D412)	<b>500 - 650%</b> Type I/Class 35 <b>800 - 1,000%</b> Type II/Class 50
TEAR RESISTANCE (ASTM D624)	<b>30 - 35 pli</b>
SHORE A HARDNESS (ASTM D2240)	<b>20 +/- 5</b> Type I/Class 35 <b>25 +/- 5</b> Type II/Class 50
SERVICE TEMPERATURE	<b>-40°F to 400°F</b> (-40°C to 204°C)
APPLICATION TEMPERATURE	<b>-20°F to 160°F</b> (-29°C to 71°C)
ADHESION (ASTM D903) GLASS ALUMINUM VINYL	<b>12 - 15 pli</b> <b>10 - 14 pli</b> <b>12 - 15 pli</b>
JOINT SEALANT DESIGNATION (ASTM C920)	<b>Type S, Grade NS</b> <b>Class 35/50</b> Use NT, M, G, A, O

## Seals gutters in wet and cold weather



**NovaFlex Gutter Seal Flowable and Gutter Seal Paste**

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

## Strong hold that remains flexible



**NovaBond Hybrid Construction Sealant**

APPEARANCE	Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	<b>≥ 3,000</b>
EXTRUSION RATE (grams/minute)	<b>≥ 50</b> 1/8" Orifice @ 50 psi
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	<b>10 - 45 min</b>
THROUGH CURE (3/8" @ 50% RH & 77°F)	<b>7 days</b>
SLUMP (Flow)	<b>no slump</b>
SPECIFIC GRAVITY	<b>1.40 - 1.50</b>
TENSILE STRENGTH (ASTM D412)	<b>200 psi</b>
ELONGATION (ASTM D412)	<b>300%</b>
TEAR RESISTANCE (ASTM D624)	-
SHORE A HARDNESS (ASTM D2240)	<b>40 +/- 5</b>
SERVICE TEMPERATURE	<b>-30°F to 200°F</b> (-34°C to 93°C)
APPLICATION TEMPERATURE	<b>-10°F to 160°F</b> (-23°C to 71°C)
ADHESION (ASTM D903) GLASS ALUMINUM WOOD PVC	<b>13 pli</b> <b>15 pli</b> <b>15 pli</b> <b>14 pli</b>
JOINT SEALANT DESIGNATION (ASTM C920)	<b>Type S, Grade NS</b> <b>Class 35</b> 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)	<b>15 - 45 min</b>
THROUGH CURE (3/8" @ 50% RH & 77°F)	<b>7 days</b>
SLUMP (Flow)	<b>no slump</b>
SPECIFIC GRAVITY	<b>1.40 - 1.50</b>
TENSILE STRENGTH (ASTM D412)	<b>220 psi</b>
ELONGATION (ASTM D412)	<b>200%</b>
TEAR RESISTANCE (ASTM D624)	-
SHORE A HARDNESS (ASTM D2240)	<b>45 +/- 5</b>
SERVICE TEMPERATURE	<b>-30°F to 200°F</b> (-34°C to 93°C)
APPLICATION TEMPERATURE	<b>-10°F to 160°F</b> (-23°C to 71°C)
ADHESION (ASTM D903) ALUMINUM WOOD PVC	<b>15 pli</b> <b>15 pli</b> <b>14 pli</b>
JOINT SEALANT DESIGNATION (ASTM C920)	-

## No bubbling, rainproof in 1 hour



**NovaFlex Pitch Pocket Penetration Sealant**

APPEARANCE	Flowable Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	<b>750 - 1,250</b>
EXTRUSION RATE (grams/minute)	-
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	<b>15 - 45 min</b>
THROUGH CURE (3/8" @ 50% RH & 77°F)	<b>dependent on thickness</b>
SLUMP (Flow)	-
SPECIFIC GRAVITY	<b>1.13 - 1.15</b>
TENSILE STRENGTH (ASTM D412)	<b>60 - 80 psi</b>
ELONGATION (ASTM D412)	<b>1,200 - 1,450%</b>
TEAR RESISTANCE (ASTM D624)	<b>12 - 17 pli</b>
SHORE A HARDNESS (ASTM D2240)	<b>5 +/- 2</b>
SERVICE TEMPERATURE	<b>-40°F to 400°F</b> (-40°C to 204°C)
APPLICATION TEMPERATURE	<b>-20°F to 160°F</b> (-29°C to 71°C)
ADHESION (ASTM D903) ALUMINUM WOOD PVC	<b>cohesive failure</b>
JOINT SEALANT DESIGNATION (ASTM C920)	-

## Extra-tough 100% silicone rubber with fibers



**NovaPatch Fiber Reinforced Mastic**

APPEARANCE	Mastic Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	-
EXTRUSION RATE (grams/minute)	-
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	<b>5 - 15 min</b>
THROUGH CURE (3/8" @ 50% RH & 77°F)	<b>48 hours</b>
SLUMP (Flow)	<b>no slump</b>
SPECIFIC GRAVITY	<b>1.25 - 1.55</b>
TENSILE STRENGTH (ASTM D412)	<b>100 - 140 psi</b>
ELONGATION (ASTM D412)	<b>80 - 95%</b>
TEAR RESISTANCE (ASTM D624)	<b>30 - 35 pli</b>
SHORE A HARDNESS (ASTM D2240)	<b>20 minimum</b>
SERVICE TEMPERATURE	<b>-40°F to 400°F</b> (-40°C to 204°C)
APPLICATION TEMPERATURE	<b>-20°F to 160°F</b> (-29°C to 71°C)
ADHESION (ASTM D903) METAL SPF	<b>10 - 14 pli</b> <b>10 - 14 pli</b>
JOINT SEALANT DESIGNATION (ASTM C920)	-

## Easy-to-apply mastic



**NovaFlash Butter Grade Mastic**

APPEARANCE	Mastic Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	-
EXTRUSION RATE (grams/minute)	-
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	<b>5 - 15 min</b>
THROUGH CURE (3/8" @ 50% RH & 77°F)	<b>48 hours</b>
SLUMP (Flow)	<b>no slump</b>
SPECIFIC GRAVITY	<b>1.25 - 1.55</b>
TENSILE STRENGTH (ASTM D412)	<b>120 - 170 psi</b>
ELONGATION (ASTM D412)	<b>500 - 700%</b>
TEAR RESISTANCE (ASTM D624)	<b>30 - 35 pli</b>
SHORE A HARDNESS (ASTM D2240)	<b>20 minimum</b>
SERVICE TEMPERATURE	<b>-40°F to 400°F</b> (-40°C to 204°C)
APPLICATION TEMPERATURE	<b>-20°F to 160°F</b> (-29°C to 71°C)
ADHESION (ASTM D903) METAL SPF	<b>10 - 14 pli</b> <b>10 - 14 pli</b>
JOINT SEALANT DESIGNATION (ASTM C920)	-

## Perfect for emergency repairs



**NovaFlex Metal Roof Repair & Patch Mastic**

APPEARANCE	Mastic Paste Translucent
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	<b>3,500 - 7,000</b>
EXTRUSION RATE (grams/minute)	-
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	<b>5 - 10 min</b>
THROUGH CURE (3/8" @ 50% RH & 77°F)	<b>48 hours</b>
SLUMP (Flow)	<b>no slump</b>
SPECIFIC GRAVITY	<b>1.00 - 1.05</b>
TENSILE STRENGTH (ASTM D412)	<b>140 - 200 psi</b>
ELONGATION (ASTM D412)	<b>500 - 650%</b>
TEAR RESISTANCE (ASTM D624)	<b>30 - 35 pli</b>
SHORE A HARDNESS (ASTM D2240)	<b>20 +/- 5</b>
SERVICE TEMPERATURE	<b>-40°F to 400°F</b> (-40°C to 204°C)
APPLICATION TEMPERATURE	<b>-20°F to 160°F</b> (-29°C to 71°C)
ADHESION (ASTM D903) GLASS ALUMINUM VINYL	<b>12 - 15 pli</b> <b>10 - 14 pli</b> <b>12 - 15 pli</b>
JOINT SEALANT DESIGNATION (ASTM C920)	<b>Type S, Grade NS</b> <b>Class 35</b> Use NT, M, G, A, O

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