

NOVAFLEX SILICONE

Metal Roof Repair and Patch Mastic

NovaFlex Translucent Metal Roof Repair and Patch Mastic is an exceptionally versatile, tough yet flexible mastic and roof sealer designed for repairs to metal panels, metal roof systems, gutters, and other metal buildings and structures. This repair material is easily brushed into place for precise application. If high-build application is required, this product can be applied with a trowel. NovaFlex Metal Roof Repair and Patch Mastic cures quickly and provides immediate waterproofing for short-term, long-term, and emergency repairs.



- 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



NovaFlex Metal Roof Repair and Patch Mastic is a single-component, high-solid, low-odor material. It cures to a medium modulus, flexible, and durable rubber-like solid. NovaFlex Metal Roof Repair and Patch Mastic will develop primerless adhesion to most common construction substrates, and the neutral cure is compatible with most materials.

Recommended for Repairing: Metal siding/metal roofs, gutters, chimney flashing, snow guards, pipe boots, and downspouts/trim.

Adheres to:

- Lap Joints
- Pipe Boots
- Trim
- Copper (exposed areas)
- Metal Siding
- Metal Roof
- PVC/PVDF
- Snow Guards
- Single-Ply
- Gutters
- Aluminum
- Stucco
- Roof Flashing
- Downspouts
- Roof Tile
- Termination Bars



Made in USA. Professional Grade.



TECHNICAL INFORMATION

Appearance: Translucent mastic

Application Temperature:
-20°F to 160°F (-29°C to 71°C)

Service Temperature:
-40°F to 400°F (-40°C to 204°C)

Adhesion: Excellent to most common building materials

Consistency: Non-sag

Bridging Ability: Excellent, bridges gaps to 3/8"

Durability: +/- 35%

Flexibility: Very good to -10°F

Water Resistance: Good, not to be continuously submerged

Exterior Weathering: Excellent

Aging: Excellent

Not Recommended: For surfaces that are to be painted, for joints continuously submerged under water

Freeze-Thaw Stable: Will not freeze

Odor: None

Skin Time:
5-10 minutes (77°F/50% relative humidity)

Cure Through Time:
48 Hours (77°F/50% relative humidity)

Solids: 97%

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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 Hardness	ASTM D2240	20 +/- 5
Service Temperature		- 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
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.

Packaging Information: Available in 1 gallon pails.

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

Shelf Life: 18 months from date of manufacture when stored unopened in a cool and shaded location.

Surface Preparation: Surface should be clean and dry. Remove any loose material or scale that would prevent good bonding. Remove any oils with alcohol or other solvent.

Disposal: Consult and obey all applicable local, state, and federal regulations. For additional information, consult product Safety Data Sheet.

Precautions: For additional information consult product Safety Data Sheet.

Professional Grade

NOVAGARD
SILICONE | HYBRIDS | FOAM

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

Effective Date: Mar 2021-v1.6

Carry our
complete family
of roofing sealants



Proudly made in Cleveland, Ohio