

# NOVAFLEX

## Metal Roof & Panel Adhesive Sealant



- Excellent adhesion
- Permanently flexible
- Extrudes from -20°F to 160°F
- Adheres to:
  - Vinyl Siding
  - Fiber Cement Siding
  - Metals
  - Wood
  - Masonry
  - PVC
  - PVDF
  - Common Construction Materials



MR150  
Translucent



MR100  
Polar White



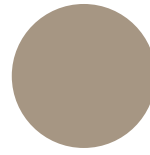
MR101  
Brite White



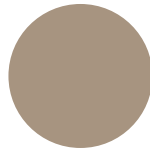
MR3401  
Ivory



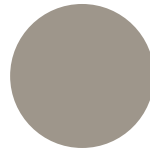
MR191  
Light Stone



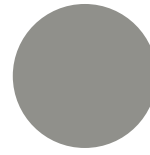
MR146  
Clay



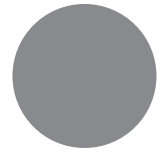
MR3333  
Tan



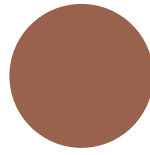
MR156  
Gray



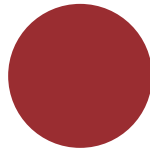
MR3514  
Old Town Gray



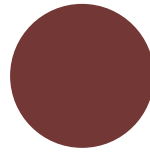
MR4103  
Acrylic Galvalume



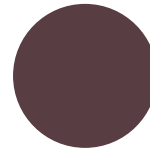
MR3201  
Copper



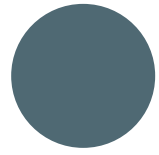
MR196  
Crimson Red



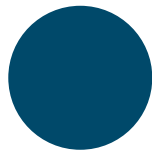
MR182  
Rustic Red



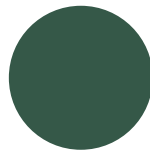
MR180  
Burgundy



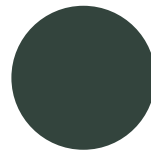
MR3801  
Hawaiian Blue



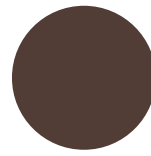
MR171  
Gallery Blue



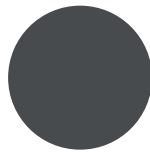
MR169  
Hunter Green



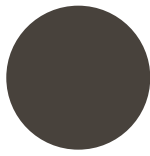
MR168  
Forest Green



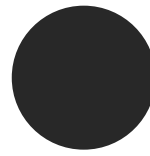
MR137  
Cocoa Brown



MR126  
Charcoal



MR121  
Burnished Slate



MR110  
Shiny Black

# NOVAFLEX

## Metal Roof & Panel Adhesive 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)
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

\*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.

**Metal Roof & Panel  
Adhesive Sealant**

**Multi-Purpose  
Adhesive Sealant**

**Gutter Seal  
(paste & flowable)**

**Hybrid  
Construction Sealant**

**Textured Hybrid  
Construction Sealant**

**Tub Surround Sealant  
& Tile Grout**

**Expansion Joint  
Sealant**

**Pitch Pocket  
Penetration Sealant**

**Fibered Roof Mastic**

**Butter Grade Mastic**

**Metal Roof Repair  
& Patch Mastic**

#### Permanently Flexible

- Will not shrink or crack
- Waterproof
- Mold/Mildew resistant
- Superior UV resistance

#### Interior and Exterior Applications

- Excellent adhesion to most building substrates
- Completely cured within 48 hours
- Will not sag or slump
- Tack-free in 10 minutes

#### Easily Gunned at all Temperatures

- Weatherproof plastic cartridges with removable tips
- Excellent tooling properties

#### VOC Compliant in all 50 States (Green Building Compliant)

- Low odor
- Solvent free

#### AAMA Verified for Window Installs

- Will not freeze
- Available in all major siding, trim coil, window, and metal roof manufacturer colors
- 18 month shelf life

#### Professional Grade

**NOVAGARD**

5109 Hamilton Avenue, Cleveland, OH 44114 USA  
(216) 881-8111 | (800) 380-0138 | (216) 881-6977 F  
novagard.com

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



Proudly made in Cleveland, OH  
Effective Date: Aug 2023-v1.1