

# NOVAGARD

## 1. Product Names

- Novaflex Metal Roof Sealant (MR)
- Novaflex Multi-Purpose Adhesive Sealant (MX)

## 2. Manufacturer

Novagard Solutions, Inc.  
5109 Hamilton Avenue  
Cleveland, Ohio 44114  
Phone: 800-380-0138  
Fax: 216-881-5318  
E-mail: [jborak@novagard.net](mailto:jborak@novagard.net)  
Web: [www.novagard.com](http://www.novagard.com)

## 3. Product Description

### Basic Use

Novaflex MR and MX sealant lines are used for weather sealing of windows, doors and related fenestration and building products and systems. They are used in the construction of windows and for glazing of insulated glass to frames and related components.

Novaflex MR products are used in metal roof, panel and flashing applications and offer our widest range of stock colors to match most metal manufacturers offerings.

Novaflex MX products are used in general purpose weather sealing applications as well as by window OEMs in their production plants to glaze and seal window assemblies and systems.

Novaflex MR and MX products provide adhesion to both bare and coated metals, as well as wood, vinyl and other common materials. Novaflex products are a neutral curing, low shrink and highly moisture- and UV-resistant solution for weather sealing and glazing applications.

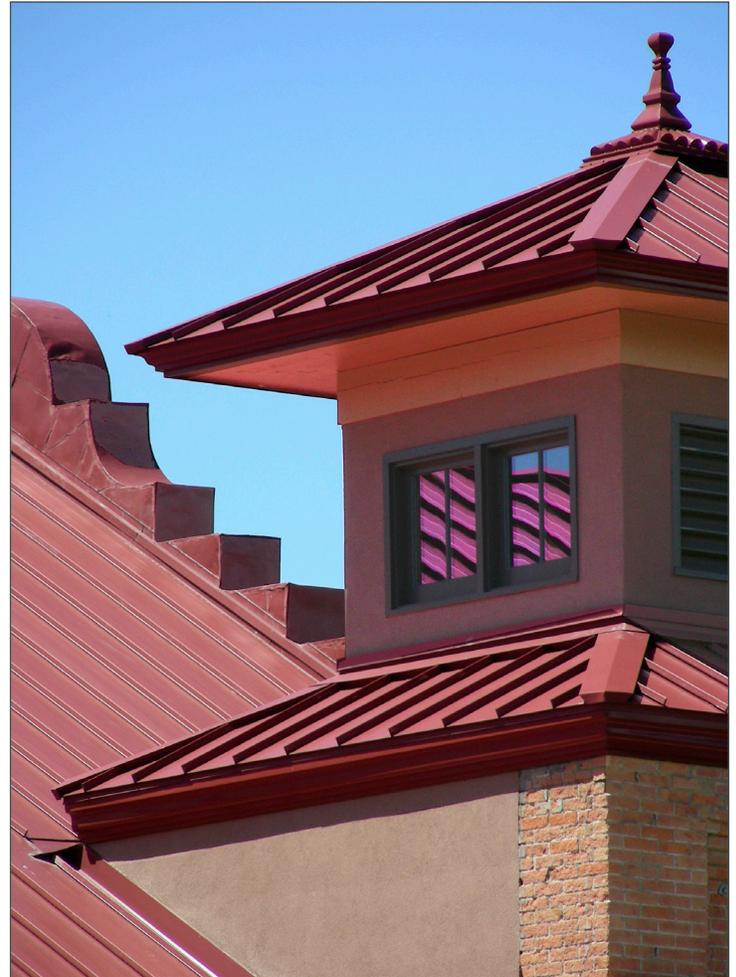
Typical Novaflex MR sealant installations are metal panel roofs, façades or building projects where seams, flashing, screws and penetrations need to be sealed against water and weather. Novaflex MX applications include siding and door and window installations for new and remodel projects for perimeter water sealing and bonding.

### Composition and Materials

Novaflex MR and Novaflex MX are moisture-cured, 100 percent Oxime silicone RTV adhesive/sealants.

### Features and Benefits

- Highly resistant to weathering and UV exposure
- Strong adhesion to all common building materials without priming



- Easy to gun, tool and clean up over wide temperature range
- Available in many colors to match metals, windows and siding standards
- Can be applied over wide temperature range including below freezing
- Fully cures in 24–48 hours, tack-free skin time of one hour in most environments
- Superior water and weather sealing that lasts decades
- Low VOC and no-shrink moisture-cured pure silicone
- Allows joint movement to avoid cracking
- Reduced call-backs due to moisture penetration and cracking failures

### Colors

There are 53 colors for metal roof applications and 61 multi-purpose application colors. See [this page](#) for colors. Custom colors are also available.

### Product Limitations:

- Not designed for continuous submersion or use below the waterline



- Not recommended for use directly on acrylic plastics, may cause surface crazing
- Not recommended for use on highly porous natural stones due to staining potential
- Not certified for NSF or near food preparation area applications

## 4. Technical Data

### Applicable Standards

#### American Architectural Manufacturers Association (AAMA)

- **AAMA 803.3**
- **AAMA 805.2**
- **AAMA 808.3**

#### ASTM International

- **ASTM C920** Standard Specification for Elastomeric Joint Sealants

#### Interim Federal Specification (Com-NBS)

- **TT-S-001543A**
- **TT-S-230C**

## 5. Installation

Follow manufacturer's provided installation instructions.

## 6. Availability and Cost

Contact manufacturer for pricing and availability.

## 7. Warranty

Novaflex MR and Novaflex MX are available with a 5, 10, or 20-year limited warranty. Visit [here](#) for details.

## 8. Maintenance

No maintenance is required.

## 9. Technical Services

Contact Novagard Solutions, Inc. for technical service needs.

## 10. Filing Systems

- ConstructConnect
- Additional product information is available from the manufacturer upon request