

# Novagard® 200 Series 200-107

## Technical Data Specification

NOVAGARD®

### DESCRIPTION

Novagard 200 Series 200-107 is a single-component silicone sealant that will cure upon exposure to atmospheric moisture, at room temperature, to a rubber-like solid.

### APPLICATIONS

Novagard 200 Series 200-107 is a self-leveling liquid that is ideal for applications that require the coating to flow into small crevices and hard-to-reach areas. Novagard 200-107 may also be employed as a horizontal joint sealant and crack filler. When exposed to atmospheric moisture Novagard 200-107 cures to a rubber-like solid, which is mold and mildew-resistant, and will not crack or drop out of joints.

### INSTALLATION

As with all single-component materials, the work life and cure times of Novagard 200 Series 200-107 are dependent upon environmental conditions such as temperature, humidity, and application thickness. Adhesion should be checked on small samples prior to full-scale production.

### AVAILABILITY

Novagard 200 Series 200-107 is available in 10-ounce cartridges, 5-gallon pails, and 55-gallon drums.

### STORAGE

Novagard 200 Series 200-107 may be stored in the original unopened containers at, or below, 100°F (38°C) for up to one year.

### PRECAUTIONS / LIMITATIONS

Consult and obey all applicable local, state, and federal regulations for the disposal of solvent and silicone waste. For additional information consult product S.D.S.

Do not use in or around highly oxidative chemicals such as liquid oxygen, chlorine, or peroxides. Not recommended for surfaces that are to be painted.

In confined cure conditions, 200 Series 200-107 may discolor brass, copper, or other sensitive metals. 200 Series 200-107 may stress craze molded polycarbonate.

### PRODUCT SPECIFICATIONS

| Physical Property        | Test Method            | Performance Range |
|--------------------------|------------------------|-------------------|
| Appearance               |                        | White Fluid       |
| Cure Chemistry           |                        | Oxime Silicone    |
| Viscosity (cPs)          | Brookfield #7 @ 10 rpm | 70,000 – 150,000  |
| Skin Over Time (minutes) | 3/8" @ 50% RH & 77°F   | 10 – 30           |
| Through Cure (hours)     | 3/8" @ 50% RH & 77°F   | 24 – 30           |

### TYPICAL PROPERTIES\*

| Physical Property      | Test Method | Typical Value |
|------------------------|-------------|---------------|
| Specific Gravity       |             | 1.10 – 1.20   |
| Tensile Strength (psi) | ASTM D412   | 200           |
| Elongation (%)         | ASTM D412   | 250           |
| Hardness (Shore A)     | ASTM D2240  | 20 – 30       |
| Adhesion (pli)         |             |               |
| Glass                  | ASTM C794   | >15           |
| Aluminum               |             | >15           |

\*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 the manufacturer for additional information.

### ADDITIONAL INFORMATION

Novagard believes that the information provided is a true and accurate description of the typical characteristics of the aforementioned product, however, it is the responsibility of the individual user to thoroughly test the product in their specific application to determine performance, efficacy, and safety.