

# Roof & Gutter N-192

Rev 4, Dated: 27/09/2011

## 100% Neutral Silicone Adhesive-Sealant

### PRODUCT DESCRIPTION

**Roof & Gutter N-192** is a high quality 100% neutral oxime curing silicone adhesive/sealant. For general purpose glazing, industrial, and automotive sealing applications where, excellent adhesion, long term reliability is required. It reacts with atmospheric moisture to produce a form in place silicone rubber seal. Weathering and UV resistance is excellent.

### ADVANTAGES

**Roof & Gutter** has excellent adhesion to most common building materials including :  
glass, aluminum, galvanised steel, concrete, wood, ceramics, plastics and most powder coated surfaces.

- **5-8 minute skin time**
- **Complies with 5 Star Rating for VOC <5%**
- **Low Slump (less than 50grams/litre)**
- **Movement capability  $\pm$  25%**
- **Superior Adhesion**
- **Will not corrode metals**

### APPLICATIONS

**Roof & Gutter** is ideal in applications such as :  
General purpose glazing and weather sealing

- **BS 5889 building approved**  
Roofing, gutters, and rainwater tanks
- **AS4020 potable water approved**  
Electrical sealing and insulation  
Automotive, caravan, and truck body sealing, and assembly

### LIMITATIONS

**Roof & Gutter** is not recommended for use:  
On submerged joints where porous substrates permit water to the bond interface.  
In aquarium construction and structural glazing.  
For certain rubber products where bleeding of plasticiser may occur, check with us if unsure.

### TYPICAL PROPERTIES

| PROPERTY                          | VALUE                   | STANDARDS  |
|-----------------------------------|-------------------------|------------|
| Curing Method:                    | Neutral (Oxime)<br>100% |            |
| SAG/Slump @23°C:                  | No Slump<br>(0.1% max)  | JIS A 1439 |
| Hardness:                         | 28 Shore A              | ASTM D2240 |
| Dynamic Joint Movement:           | +/- 25%                 |            |
| Elongation:                       | 400 %                   | JIS K 6249 |
| Skin Time @ 23°C & 50% RH:        | 5-10 mins               | JIS A 1439 |
| Cure Time (10mm) @ 25°C & 50% RH: | 5-7 days                |            |
| Application Temperature Range:    | -60 to 170°C            |            |
| Specific Gravity:                 | 1.04                    |            |
| Tensile Strength MPa:             | 2.0                     | JIS K 6249 |

- Data quoted are typical and not to be used as specifications
- Cured 21 days @ 23°C and 50% RH

### SURFACE PREPARATION

All surfaces must be clean, dry, sound, and free from dust, oil, rust, or any other contamination.  
Metals should be cleaned with a non-oily solvent soaked clean cloth. Solvent should be wiped from the surface with a clean dry cloth. Use an alcohol such as methylated spirits on glass.  
When used on remedial work all existing sealant must be removed.

### APPLICATION INSTRUCTIONS

Cut nozzle at a sharp angle slightly wider than the desired bead. Extrude sealant with a gun and tool with a round spatula within 10 minutes to spread the sealant against the joint surfaces.

# Roof & Gutter N-192 Technical Data Sheet

## PACKAGING

Roof & Gutter N-192 is available in 300ml Cartridges

## COLOURS

Translucent.

## STORAGE

12 months from date of manufacture if stored below 28°C

## HEALTH AND SAFETY

This product emits Methyl Ethyl Ketoxime whilst curing, which is hazardous. Use in well-ventilated areas, and avoid breathing vapors.

Contact with uncured product will irritate eyes.

In case of eye contact immediately flush with Water for 15 minutes and seek medical advice.

Avoid contact with skin or clothing.

Keep out of reach of children

**Roof & Gutter N-192 MSDS available upon request**

## Notice

The information given and the recommendations made herein apply to our product(s) alone and not combined with any other product (s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchasers' responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.