

## One Part Neutral Cure Silicone Sealant

# TOSSEAL 188

### PRODUCT DESCRIPTION

**Tosseal 188** is a one component silicone sealant which resists mold & mildew even under prolonged exposure to high temperatures and humidity. This product cures to a durable high modulus silicone rubber sealant on exposure to atmospheric moisture at room temperature. Tosseal188 effectively seals around bathtubs, sinks, showers, kitchen and bathroom plumbing fixtures, and can be used for sealing ceramic tile. It provides lasting flexibility and watertight adhesion to most ceramics, glasses, plastics and metals

### KEY PERFORMANCE PROPERTIES

- One component, ready-to-use sealant
- Resists mold & mildew growth
- Neutral cure, no strong smell
- Fast skinning and curing
- Maintains good flexibility
- Excellent adhesion to glass, most metals and plastics
- Available in 2 standard colors:  
Clear; White

### APPLICATIONS

- General purpose sealant for sealing and caulking applications

### TYPICAL PROPERTY DATA

| UNCURED PROPERTIES                   |      |                |
|--------------------------------------|------|----------------|
| Consistency                          |      | Paste          |
| Slump ( w=20mm ) * <sup>1</sup>      | mm   | 0              |
| Tack-free time (23°C) * <sup>1</sup> | min  | 10             |
| Curing time (t=5mm, 20°C/55%RH)      | days | 2              |
| CURED PROPERTIES                     |      |                |
| Appearance                           |      | Elastic rubber |
| Hardness (Type A) * <sup>2</sup>     |      | 20             |
| Tensile strength * <sup>2</sup>      | MPa  | 1.6            |
| Elongation * <sup>2</sup>            | %    | 360            |
| Peel strength * <sup>3</sup>         | kN/m | 2.8            |
| UV resistance * <sup>3</sup>         |      | Excellent      |

Test Method \*<sup>1</sup>; JIS A 1439\*<sup>2</sup>; JIS K 6249\*<sup>3</sup>; ASTM C 794



## **APPLICATION INSTRUCTIONS**

### **SURFACE PREPARATION**

Substrate surface should be thoroughly cleaned with a suitable solvent such as alcohol, xylene, or methyl ethyl ketone (MEK). Do not use soap, detergent or water. Wipe the surface dry. Sealant will not properly adhere to a wet substrate. For polycarbonate and acrylic resin, n-hexane should be used in order to prevent solvent-cracking.

### **HANDLING AND SAFETY**

- Wear eye protection when handling uncured sealant as it can irritate eyes. In case of eye contact, immediately flush eyes well with water and contact a physician.
- Adequate ventilation must be maintained in the work place at all times.
- Extended contact with the skin may cause irritation and should be avoided.
- Not for food contact use.

### **STORAGE**

- Store in a cool, dry, dark place.
- Keep out of reach of children.
- Shelf life is 12 months from date of manufacture when stored in original, unopened containers below 25°C in a dry place.

### **PACKAGING**

300 gram e cartridge available in carton box of 24 pieces

### **COLORS**

Available in 2 colors

Clear; White

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