

Multi Purpose Single Component Polyurethane Sealant

### DESCRIPTION



TamSeal JS7 is a one component based high performance sealant based on advance PU polymer technology. It has an excellent UV, weather and temperature resistance. It has excellent adhesion over a wide variety of substrates and is paintable with most common industrial paints. This sealant has been specifically formulated as a non-staining sealant and for application to difficult substrates associated with modern facade construction materials. It complies to standard ASTM C 920 & ASTM C 1248 for non-staining.

### KEY BENEFITS

- > One component. Ready to use.
- > Fast cure, high adhesive strength
- > Non staining
- > Abrasion resistance including foot traffic
- > Antifungal
- > Environment friendly
- > Good adhesion to many substrates
- > High movement accommodation
- > Picks low dirt
- > Gives prestigious finish
- > Excellent low temperature gun-ability
- > Damp surface tolerant

### TYPICAL APPLICATIONS

- > It is specially used internal and external pedestrian ways
- > Warehouse and showrooms
- > To seal expansion and construction joints in rigid pavements
- > It is specially formulated for structural joint that will be subjected to dynamic stresses.

- > Permanent high strength elastic bonding in Construction, Automotive, Industrial and Marine applications.
- > Ideal for bonding of
  - o Metal (Stainless Steel, Aluminum, Steel, Copper etc.
  - o Rubber (Natural Rubber, Synthetic Rubber, Silicone Rubber, EPDM etc.
  - o Natural Materials like Wood, Plywood, Leather, Cloths, Paperboard etc.
  - o Inorganic (Concrete, Mortar, Natural Stone, Tile, Glass, porcelain etc.)
  - o Plastics (Nylon, PVC, ABS, Polycarbonate etc.

### TECHNICAL DATA

TamSeal JS7	
Test	Specified Limit
Color	White/Black/ Grey
Density (gm/ml)	1.55 ± 0.05
Elongation at break (ASTM D412)	> 400%
Shore A Hardness (ASTM C661)	35 – 45
Movement Accommodation Factor	25 %
Tensile strength (ASTM D 412)	Minimum 1.5 MPa
Shore A Hardness (ASTM C661)	35 – 45
Application temperature	5°C – 40°C
Service Temperature	-30°C to 90°C
Skin Over time	10 – 15 Minutes.

All technical data stated herein is based on tests carried out under laboratory conditions.

### APPLICATION GUIDELINES

#### Surface Preparation

All Surface must be fully cured, structurally sound, thoroughly cleaned and free from laitance, loose materials, dust, dirt, general prime and all contaminant. Metal surfaces should be cleaned and degreased. For neat and clean surface use masking tape and remove it before sealant has skin over.

Whilst any information and/or specification contained herein is to the best of our knowledge, true and accurate, we always recommend that a trial be carried out to confirm suitability of the product. Please note regional climatic conditions may cause a variation in the performance of the product. No warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives, agents or distributors. The information in this data sheet is effective from the date shown and supersedes all previous data. Please check with your local Normet office to confirm that this is current issue.

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Cut tip off cartridge / sausage with a sharp knife. Cut nozzle at 45° angle to desire bead-width and apply to substrate with cartridge gun. Firmly extrude the sealant into slot ensuring complete contact with joint faces. Tooling time is 10 minutes, tack free time is 10 - 15 minutes. The sealant should be tooled shortly after application before skin forms to ensure good contact with joint substrates. Use approved backing material for joints over 10 mm deep.

### Application

- > Protect Joint flanks with masking tape.
- > Apply using hand or pneumatic gun, avoid air entrapment. Do not open packaging until preparatory work is completed.
- > Use putty knife to smooth joint with soapy water.

### Cleaning

Thoroughly clean all tools using TamPur Cleaner. Hardened material can be removed mechanically.

Consumption: It's approx. as per liner meter coverage per pack size of (600 ml):

Joint Size	Estimated Length
6 mm x 6 mm	17.2 meter
10 mm x 10 mm	6.8 meter
20 mm x 10 mm	3.5 meter

### Limitations

- > Insufficient Ventilation or lack of moisture will slow the curing rate.
- > There may be a change of colour with exposure to weathering, UV or chemicals.

### PACKAGING

TamSeal JS7 is available in 600 ml Sausage. We pack 20 No's of sausage in one corrugated box. It may vary subject to local regulations and requirements.

### STORAGE

TamSeal JS7 should be stored at room temperature (min 5°C and max 30°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of 1 year can be expected.

### HEALTH & SAFETY

TamSeal JS7 should only be used as directed. We always recommend that the Safety Data Sheet (SDS) is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Health & Safety data sheet is available upon request from your local Normet representative.