



**Maxitek Multi-Purpose High Modulus Sanitary Silicone is a One-part High Modulus Acetoxy Cure Silicone Sealant, which cures rapidly on exposure to moisture vapour to form a resilient elastic silicone rubber.**

This product contains a fungicide to make it resistant to fungus and mildew. It bonds well to acrylic, ceramic, metal, glass and laminate surfaces, and will not discolour during its service life, whilst maintaining good elasticity.

### **Main Applications**

Recommended for sealing around all types of sanitary fittings including baths, showers, urinals, sinks and washbasins – in commercial or domestic kitchens and bathrooms. Suitable for use in areas of high humidity.

Maxitek Multi-Purpose High Modulus Sanitary Silicone can be used to seal glass to glass joints, for perimeter pointing, sealing around laminates and worktops, sealing of aluminium sheets and components and many other general purpose sealing applications. Can also be used as an adhesive to bond PVC trims. Suitable for internal and external applications – very good UV resistance.

**NB:** It is not recommended for overpainting, or for use against most metal surfaces - particularly soft metals like brass or lead, and not for use against natural stone. Contact Maxitek Technical Services Department for advice on which product to use against these substrates.

### **APPLICATION INSTRUCTIONS**

#### **Joint Preparation**

The joint surfaces must be clean, dry and free from all contamination and any loose materials. The surfaces should be degreased using the appropriate Cleaner. Primers may be required on some substrates. It is recommended that Technical Services Department should be consulted and advice obtained with regard to the choice of primer for specific purposes.

#### **Joint Backing**

Where applicable, appropriate joint filler e.g. closed cell polyethylene foam, should be used to provide the correct joint depth.

#### **Application**

Maxitek Multi-Purpose High Modulus Sanitary Silicone is supplied in foil and can be applied into the joint using a Maxitek Duo Flow Mastic Gun. All joint preparation, priming, and sealant application should be carried out in accordance with BS 8000 Part 16, the British Standard for the sealing of joints in buildings using sealants.

## Technical Characteristics:

|   |  |
|---|--|
| Colours:                                      | White, Clear   |
| Skin Time at 20o C/65 % RH (Coloured Grades): | 10 minutes   |
| Application Temperature:                      | + 5°C to + 50°C  |
| Service Temperature:                          | - 50°C to + 150°C  |
| Typical Shore A Hardness:                     | 20   |
| Cure Rate at 20o C/65 % RH:                   | 2mm/24 hours   |
| Chemical Resistance:                          | Resistant to most alkalis and dilute acids; organic solvents may cause the sealant to swell and lose adhesion, but do not directly dissolve the sealant. |
| UV Resistance:                                | Very Good  |
| Service Life:                                 | 25+ Years  |
| Movement Accommodation:                       | Butt joints (movement in tension and compression): 25 %. Do not exceed $\pm 20$ % in any one direction   |
| Lap joints (movement in shear):               | 50 %. Do not exceed $\pm 40$ % in any one direction  |

## Joint Size Suitability:

- Joint Width** - Minimum 6mm, Maximum 25mm (single application), 35mm (multiple applications)
- Joint Depth** - Minimum 10mm on porous substrates, Minimum 6mm on non-porous substrates, Maximum 15mm
- Width : Depth ratio** (within above min/max restrictions) 2:1 butt joints, 1:1 lap joint

## Storage:

12 months in original unopened packaging stored in a cool, dry place out of direct sunlight. Protect from frost.

## Health & Safety:

No particular health hazards are associated with this product but please consult Material Safety Data Sheet for full information.

## Packaging:

400ml foils, 20 x foils in a box. Polyethylene Nozzles are included in each box.

## Ancillary Equipment:

Maxitek Duo Flow Mastic Guns.  
Maxitek Spare Plunger for Duo Flow Mastic Guns.  
Maxitek Spare Foil Pack Nozzles for Duo Flow Mastic Guns.

## Specification Compliance:

- BS EN ISO 11600 – F/G – 20 HM



Certified under the Harmonized European Standard EN15651. Please refer to separate Declaration of Performance for more details.

| Quantity Estimator |               |
|--------------------|---------------|
| Joint Size (mm)    | Metre / Litre |
| 6 x 6              | 27.75         |
| 9 x 6              | 18.5          |
| 12 x 9             | 9.25          |
| 18 x 10            | 5.55          |
| 25 x 10            | 4.0           |