

# **CM BATH & KITCHEN**

## **FDA FOOD SAFE SILICONE**

**TECHNICAL DATA SHEET**

**JANUARY 2015**

---

### **DESCRIPTION**

CM BATH & KITCHEN is a single component silicone sealant which when exposed to atmospheric humidity cures rapidly to form a permanent flexible and extremely durable weather tight sealant.

The cured sealant has a good movement accommodation factor throughout a wide temperature range, resistance to severe weathering is excellent.

CM BATH & KITCHEN bonds strongly to clean uncoated glass, ceramic or painted surfaces without the need for a primer.

For most other substrates it is recommended that CM MULTI WIPES be used to ensure optimal bonding.

CM BATH & KITCHEN should be used on applications where joint loads are high and where relative movement between substrates is minimal.

Packaged in a recyclable grade 310ml cartridge it is ready for immediate use after usual priming.

CM BATH & KITCHEN meets the requirements to BS5889 (1989) Type B and US Fed Spec TTS 001543A (Class A) and TTS 00230C (Class A) and ISO 11600 F&G -25HM 846 **FDA approved food safe**.

---

### **TYPICAL USES**

Typical uses of CM BATH & KITCHEN are:

Bath and shower jointing, kitchen areas, food preparation areas, laboratories, high hygiene areas, construction joints and swimming pools.

For any technical queries contact:

CM SEALANTS TECHNICAL LINE: 020 8519 6358

---

## **TECHNICAL SPECIFICATION**

Chemical basis:	High modulus single component silicone sealant.
Movement:	Up to a total of +/- 35%
Slump:	Nil
Touch dry:	CM BATH & KITCHEN is touch dry after 30 minutes at 20°C lower temperatures retard curing time.
Through cure time:	10mm in the first seven days at ambient temperature of 20°C
Application temperature:	Do not apply CM BATH & KITCHEN at temperatures below 5°C or above 40°C
Service Temperature:	In normal use -50°C to +200°C
Storage:	12 months in un-opened containers in normal warehouse conditions.
Packaging:	CM BATH & KITCHEN is packed in a recyclable grade plastic cartridge container approximately 310ml.
Colour range:	Translucent/White/Black/Grey/Off White /Jasmine/ /Beige/ Cement Grey/ Silver Grey/Medium Grey/Manhattan/ Anthracite Aluminium/Glass Clear/Brown/Caramel/Chocolate/magnolia Light Grey /

CM BATH & KITCHEN contains an anti-fungal agent but not fungicide

---

## **TECHNICAL DATA SHEET**

**JANUARY 2014**

### **Preparation of surfaces**

Before priming thorough preparation is essential.

The joint should be completely dry and free from all traces of dirt, dust, grease and any previous sealants or other foreign matter.

Normal cleaning may be carried out by wire brushing (hand or machine operated), sand and/or grit blasting.

All joints should be blown with clean, dry oil free compressed air ensuring removal of loose matter.

When re-sealing old joints prepare by use of mechanical concrete saw or similar to obtain clean contamination free substrate.

In all cases a clean bonding surface must be obtained.

Following preparation place into the base of the joint a bond breaker or back up foam to form the correct cross section for the joint sealant bonding to the base of the joint.

---

### **CLEANING SURFACES**

Cleaning the joint should be prepared with CM MULTI WIPES .

In case of porous surfaces such as concrete, timber and epoxy nosing use CM SOLVENT.

Allow thirty minutes for the solvent to evaporate.

It is important for optimum performance of CM BATH & KITCHEN that CM MULTI WIPES are used.

---

### **Application**

Cut off top of the cartridge just above nozzle thread

Screw nozzle into place and cut the nozzle to the required size at an angle of 45 degrees.

Apply by gun – place the nozzle angle flush to the joint and extrude a continuous bead of CM BATH & KITCHEN into the joint.

Move the nozzle along the joint while extruding.

Adequate contact between CM BATH & KITCHEN and the substrate must be ensured to eliminate the possibility of adhesion failure.

After sealing release gun pressure

---

### **Surface and edge finishing**

the edges of joints must be kept clean and to a neat line by use of masking tape prior to priming

This masking will protect the surface adjacent to the joint and should be removed after application of CM BATH & KITCHEN and before it has set.

NOTE:

Lower temperatures retard cure.

**DO NOT APPLY CM BATH & KITCHEN AT TEMPERATURES BELOW 5°C.**

Does not cure well in arid conditions.

.

### **Cleaning of tools**

Tools should be cleaned after use with CM MULTI WIPES

---

### **HEALTH AND SAFETY**

**CM BATH & KITCHEN may cause irritation if swallowed or comes into contact with skin or eyes.**

Qualified medical attention should always be sought.

**DO NOT INDUCE VOMITING.**

Wear suitable gloves and face/eye protection

Do not breathe fumes and keep away from source of ignition.

---

Products supplied by CM SEALANTS conform to the chemical and physical properties stated in Technical Data Sheets, if they are within their stated shelf life. Any further information or advice both in writing or verbally is given in good faith to assist customers, but as the conditions of use are beyond our control, no warranty is implied or given.

This information must on no account be used as a substitute for necessary prior tests, which alone can determine the suitability for the intended use and assume all risks and liability from the use of the product. The liability of CM SEALANTS will not exceed the original purchase price of the product.

It is in the users responsibility to ensure that they have the latest issue of this document.