



# **CM BATH & KITCHEN** **FOOD SAFE SILICONE**

**TECHNICAL DATA SHEET**

**JANUARY 2017**

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## **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** are 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.

**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 food safe .

Conforms to CE Marking :

EN 15651-2 : Type G CC (G25 HM) , EN 15651-3 : Type S (XS 1).

Declaration of Performance, available upon request: Reference :CMBK

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## **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

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## TECHNICAL SPECIFICATION

Chemical basis:	Acetoxy , high modulus single component silicone sealant.
Movement:	Movement Accomodation : 50%
Slump:	Nil
Touch dry:	<b>CM BATH &amp; KITCHEN</b> is touch dry after 30 minutes at 20°C Lower temperatures affects curing time.
Through cure time:	10mm in the first seven days at ambient temperature of 20°C
Application temperature:	Do not apply <b>CM BATH &amp; KITCHEN</b> at temperatures below 0°C or above 40°C
Service Temperature:	In normal use -50°C to + 200°C.
Storage:	24 months in un-opened containers in normal warehouse conditions.
Packaging:	<b>CM BATH &amp; KITCHEN</b> is packed in a recyclable grade plastic 310ml cartridges
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-mould agent.

## TECHNICAL DATA SHEET

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### 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.

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### 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.

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### 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

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### 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 reduce curing speed.

**DO NOT APPLY CM BATH & KITCHEN AT TEMPERATURES BELOW 0°C.**

### Cleaning of tools

Tools should be cleaned after use with CM MULTI - WIPES

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### 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.

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Products supplied by CM SEALANTS conform to the chemical and physical properties stated in the 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 user's responsibility to ensure that they have the latest issue of this document.

### CM Sealants

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