



Technical Data Sheet

CM Bath & Kitchen

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Description

CM Bath & Kitchen is a one component, ready to use silicone sealant intended to stop leaks and mildew growth in internal areas.

Properties

When exposed to atmospheric humidity, CM Bath & Kitchen 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 contains an anti-mould agent.

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

Applications

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.

Ideal for:

- Bath and shower jointing
- Kitchen areas
- Food preparation areas
- Laboratories
- High hygiene areas
- Construction joints
- Swimming pools

Characteristics

Chemical basis: Acetoxy, high modulus single component silicone sealant

Movement: Movement Accommodation: 50%

Slump: Nil

Touch dry: CM BATH & KITCHEN is touch dry after 30 minutes at 20°C (lower temperatures affect curing time)

[Cont...]

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 0°C or above 40°C
VOC content: < 3%
Service Temperature: In normal use –50°C to + 200°C
Storage: 36 months in un-opened containers in normal warehouse conditions

Directions for use

Joint preparation: 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 of 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.

Cut off the 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.

Tool within 10 minutes of application, using a silicone block or wooden tool lubricated in soapy water

Limitations of use

Colours

CM Bath & Kitchen is available in White, Off White, White moon, Transparent, Light Grey, Manhattan, Silvery Grey, Grey, Medium Grey, Cement Grey, Anthracite, Jasmine, Beige, Caramel, Brown, Chocolate & Black. CM Bath & Kitchen dried to leave a gloss finish

Visual colour chart is available at: <https://www.cmsealants.co.uk/colour-charts/>

Packaging

CM Bath & Kitchen is supplied in a 310ml cartridge. Available per tube or per box (25 cartridges in a box)

Storage and shelf life

CM Bath & Kitchen has a shelf life of 36 months, guaranteed by CM Sealants from its date of manufacture when stored at a temperature between -20°C and +30°C in its original, unopened packaging.

Safety

Consult the Safety Data Sheet for CM Bath & Kitchen

Warning to users

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