

MM50 SANITARY SEALANT

Construction Silicone for Humid Environments

Technical Data Sheet



TRADE SILICONE & SEALANT RANGE

CLASS
EN15651-1,3; F EXT-INT; S1

Description:

A mid modulus, acetoxycure, sanitary grade silicone sealant containing a powerful anti-fungal compound to resist mould growth. Conforms to EN 15651-1,3: 2012.

Features & Benefits:

- ◆ **Permanently flexible.**
- ◆ **Mould resistant.**
- ◆ **Waterproof.**
- ◆ **For internal use.**
- ◆ **High viscosity formula.**

Uses

One part silicone sealant specifically designed for areas which are prone to high humidity or frequent wetting. Ideal for bathrooms, shower areas, wet rooms, kitchens. Suitable for use with sanitary plastics, glass, melamine, laminates, enamel, anodised aluminium, lacquered metals, painted timber, painted plaster, primed or painted concrete and primed metals.

Bond It MM50 SANITARY SEALANT should be used for sealing around worktops, basins, sinks, bed basins to vanity units and also to seal shower trays and shower units.

Limitations

Not suitable for aquaria or on bitumen or asphalt surfaces, concrete or mortar. Do not use on natural stone (staining risk). Over painting is not recommended. If sealing metalised trims, test for discolouration before applying. Do not use on anodized or chrome plated shower trims. Do not apply at temperatures below +5°C or above +30°C. White and trans material may be subject to yellowing if over exposed to UV light.

Preparation

Ensure all surfaces are clean, dry and free from grease or any contaminants that may hinder adhesion. Remove any old sealant.

Application

All surfaces must be clean, dry and dust and grease-free. When sealing deep joints use foam backer rods to minimise wastage. Prime materials such as bare metals, marble, concrete and timber prior to use. Cut the top of the cartridge, taking care not to damage the threaded area. Screw on the nozzle and cut at an angle of 45° to an opening slightly larger than the gap to be sealed. Apply using a standard sealant gun. This silicone will stretch up to at least 20% - ensure there is sufficient material in

the joint to stretch and take up any expected movement (eg. Bath tubs). Tool down after 2-3 minutes after applying using a wetted spatula or sealant applicator tool. Clean tools after use using Bond It WHITE SPIRIT or MULTI-WIPES prior to curing taking place.

For bath surrounds: Half fill the bath with water to allow sealant to be applied at joint mid point. If necessary masking tape may be applied. If large areas are to be filled, polythene foam, rod or tape could be used to provide support and minimise sealant wastage. Tool down within 5 minutes using a wet spatula or SEALANT APPLICATOR TOOL. Any trims should be bedded into the silicone within 5 minutes.

For sealing waste outlets in sinks and baths:

MM50 should be applied so that it will be in compression after tightening of connecting pipes.

For metallised plastic trims: test for discolouration by sealant before use.



Coverage

Depending upon substrate condition and porosity approximately 10 linear metres with a 6mm bead per cartridge.

Colour

MM50 SANITARY SEALANT is currently available in white, translucent, manhattan grey and jasmine.

Size

EU3 plastic cartridge.

Shelf Life

Minimum 24 months from date of manufacture when stored in original unopened cartridges.

Storage Conditions

Store in original, unopened cartridge, in a cool, dry place at a temperature between +5°C and +25°C. Protect from frost and direct sunlight.

Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any containers to a central disposal point in accordance with local regulations.

Health & Safety

Please refer to separate safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user’s responsibility to determine suitability for use. If in doubt, contact our Technical Department for advice.

Note: this information is for general guidance only, since site conditions and labour are beyond our control.

Specification Summary

Tooling Time	5-10 minutes
Skin Time	15 minutes
Full Cure Time	1-2mm depth per day
Application Temperature	+5°C to +30°C
Movement Capability	±20%
Density	0.98g/cm³
Commodity Code	3214101000



Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDMM50WH	White	285ml	5056437402011	AE90-00M5-J00D-UG19
BDMM50T	Translucent	285ml	5056437402028	AE90-00M5-J00D-UG19
BDMM50MGR	Manhattan Grey	285ml	5056437402035	AE90-00M5-J00D-UG19
BDMM50JA	Jasmine	285ml	5056437402042	AE90-00M5-J00D-UG19




Part of the Bond It Silicone & Sealants Range

Head Office: Unit H4, Premier Way, Lowfields Business Park, Elland, West Yorkshire. HX5 9HF.
Telephone: +44 (0)1422 315300 **Email:** salesuk@bonditgroup.com
EU Office: SISL (Bond It) Ireland Limited, 70 Sir John Rogerson’s Quay, Dublin 2. **Tel:** +353 1 960 9411
Website: www.bonditgroup.com

 23	 23
BOND IT H4 Premier Way, Elland. HX5 9HF. UK	
EN15651-1,3:2012 F EXT- INT, S1 DoP: BDMM50 NB: 2538 Façade sealant for exterior and interior use DoP: BDMM50 NB: 0757 Sanitary Sealant.	
Reaction to fire	E
Release of chemicals	None
Elastic Recovery	≥70%
Resistance to flow	< 3mm
Loss of volume	NPD
Adhesion / cohesion after water immersion	≥25%
Adhesion / cohesion at maintained extension	NF
Adhesion / cohesion at variable tmperature	NF
Secant Modulus @ +23°C	<0.4N/mm²
Secant Modulus @ -20°C	<0.6N/mm²
Tensile properties at maintained extension	NF
Durability	Pass
Microbiological growth	S1

Note: The data presented in this leaflet is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



SCAN ME AND GET THE BOND IT APP



Version 3: 06/03/24
Supersedes V2 29/11/23

