

S3 SANITARY SILICONE

High Performance Sanitary Grade Silicone

Technical Data Sheet



PREMIERE SILICONE & SEALANT RANGE

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

Description:

A premium grade, high modulus acetoxysanitary silicone sealant. Low maintenance, fungal resistant and waterproof. Conforms to EN 15651-1,3: 2012.

Features & Benefits:

- ♦ **Sanitary grade - contains fungicide.**
- ♦ **Mould resistant.**
- ♦ **Waterproof.**
- ♦ **Permanently flexible.**
- ♦ **Ideal for humid conditions.**
- ♦ **For interior use.**

Uses

Bond It S3 SANITARY SILICONE is a one part silicone sealant with excellent adhesion to ceramics, glass, melamine laminates and sanitary plastics. It is also compatible with anodised aluminium, lacquered and primed metals, painted timber and plaster, sanitary plastics, primed or painted concrete. S3 contains a high performance biocide to prevent unsightly mould growth.

Ideal for sealing around worktops, basins, sinks, bed basins to vanity units and also to seal shower trays and shower units. It has been specially designed to seal in damp and humid areas.

Limitations

Do not use on bare metal or fresh concrete without priming. Natural stone, particularly marble must be protected by primer/ sealer. Not suitable for mirrors. For fixing mirrors use Bond It LN7, MIRROR-MATE or MIRROR-PRO Hybrid Adhesive. White and trans may yellow in colour over time if exposed to direct sunlight.

Preparation

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

Application

Apply using a standard sealant gun with the nozzle cut at an angle of 45°, and to an opening slightly larger than the joint to be sealed.

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 gaps are to be filled, polythene foam, rod or tape should 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: S3 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.

Tools can be cleaned in Bond It WHITE SPIRIT or MULTI-WIPES prior to curing taking place.



Coverage

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

Colour

S3 SANITARY SILICONE comes in 3 colours: white, translucent and ivory.

Size

EU3 plastic cartridge.

Shelf Life

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

Storage Conditions

Store in cool, dry conditions 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.

Recommended

Regular cleaning of the sealed joint is recommended in order to remove soap residue/organic matter that can cause mould build-up.

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	0.95g/cm³
Commodity Code	3214101000

Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDS3IV	Ivory	285ml	5060021360472	AE90-00M5-J00D-UG19
BDS3WH	White	285ml	5060021360496	AE90-00M5-J00D-UG19
BDS3T	Translucent	285ml	5060021360489	AE90-00M5-J00D-UG19

 23	 23
BOND IT H4 Premier Way, Elland. HX5 9HF. UK	
EN15651-1,3:2012 F EXT- INT, S1 DoP: BDS3 DoP: BDS3 NB: 2538 NB: 0757 Façade sealant for exterior and interior use. 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	≤4N/mm²
Secant Modulus @ -20°C	≤6N/mm²
Tensile properties at maintained extension	NF
Durability	Pass

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



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



Version 8: 26/01/24
Supersedes V7 20/10/22

