

FG8

Food Grade Fungicidal Silicone

Technical Data Sheet



PREMIERE SILICONE & SEALANT RANGE

Description:

Specially formulated silicone sealant for applications in the food machinery and food preparation industries. Contains a powerful and effective anti-fungal compound to prevent microbial growth on seals.

Features & Benefits:

- ◆ **FDA Approved.**
- ◆ **Mould resistant.**
- ◆ **Minimal shrinkage.**
- ◆ **Temperature stability -40°C to + 180°C.**
- ◆ **Sag Resistant.**
- ◆ **For interior use.**

Specification Tests:

FDA Approved: The fungicide is approved by the US Food & Drug Administration (FDA) for food contact. FG8 will withstand sterilisation cycles and the extremes of heat and cold. FG8 can be cleaned with dilute bleach and all disinfectants. Conforms to **FDA No 21 CFR 177.1210 & 177.2600**. Certified by NSF according to ANSI 51 for food contact.

Uses

Bond It FG8 can be used to create waterproof seals and joints in machinery. To seal between ceramic tile and kitchen fittings and seal between walls and floors. It can also be used to seal around deep freezers.

It is ideal for use on: glass; ceramics; stainless steel; paint; GRP; melamine laminates; food processing machinery; deep freezers; refrigeration units and chiller cabinets.

Limitations

Not suitable for use on un-primed ferrous metals, copper and its alloys, cements or concrete. Not suitable for use with aquaria.

Preparation

Ensure all surfaces are clean, dry and free from grease, oil or any other contaminants that may hinder adhesion. Prime porous surfaces and metals other than stainless steel or anodised aluminium for optimum adhesion.

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.

After application leave for two or three minutes and tool to a tight finish using Bond It SEALANT APPLICATOR TOOL or similar.

When resealing use Bond It SILICONE SEALANT REMOVER to clean old joints thoroughly.



Cleaning

Tools can be cleaned in WHITE SPIRIT or Bond It 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

FG8 is available in white only.

Size

310ml 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 +30°C. Protect from frost.

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

Skin Time	15 minutes (at 23oC / 50%RH)
Full Cure Time	24 to 48 hours depending on conditions and bead depth
Application Temperature	+5°C to + 40°C
Service Temperature	-40°C to + 180°C
Shore A Hardness	20
Tensile Strength	0.6N/mm ²
Elongation At Break	250%
Movement Capability	25%
Modulus at 100% Elongation	0.37 N/mm ²
Tear Strength	4.2 N/mm
Density	1.03 g/cm ³



Product / Order Details

Code	Colour	Size	Barcode	UFI
BDFG8WH	White	310ml	5060021360229	-



Part of the Bond It Silicone & Sealants Range

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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.



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