



TECHNICAL DATA SHEET
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PRODUCT CODE: GPS0001/2/3

GENERAL PURPOSE SILICONE SEALANT

PRODUCT DESCRIPTION

Delta GENERAL PURPOSE SILICONE is a Multi-Purpose acetoxycure silicone sealant that cures quickly to provide a permanently flexible, high strength waterproof seal. It contains a powerful anti-fungicide to prevent mould growth.

AREAS OF USE

- Sealing glass to glass.
- Sealing glass to aluminium and metal sealing.
- Sealing around baths, showers, basins and other sanitary ware.
- As an adhesive for fixing Pvcu trims, cladding and panels.
- Sealing around worktops and laminates.
- Cap glazing to metal, timber and Pvcu window frames, and pointing around window and door Frames.
- For aluminium gutter sealing.
- General draught proofing.

DIRECTIONS FOR USE

Surfaces must be clean, dry and free from all traces of grease, oil, wax and dust. The bond faces are best treated with a cleaning agent such as D406 Surface Preparation Cleaner or D513 Cleansing Wipes.

Cut the end cap from the cartridge leaving the thread attached, fit the nozzle and cut to the desired angle to suit the application. Apply using a pneumatic or manually operated cartridge gun. When making a joint, masking tape should be used to prevent contamination of adjacent substrates and ensure a neat sealing line. Masking tape should be removed immediately after tooling. The joint should be tooled within 5 minutes of application to ensure good contact between the sealant and the substrate. tooling of the sealant gives a smooth professional finish.

BENEFITS

- Permanently flexible.
- Anti-fungal formula - prevents mould growth.
- Quick curing - low dirt pick up.
- Low viscosity for fast application

LIMITATIONS

- Not for use in aquarium manufacture.
- Not for use in conjunction with bitumen, or asphalt.
- Not for use on highly porous surfaces such as new concrete or stonework.
- Not for use on substrates that may bleed oils, solvent or plasticisers.
- Do not use in the vicinity of, or in conjunction with the edge sealant of double glazed units.
- Do not use for perimeter pointing of upvc.
- Do not use on soft metals such as lead and brass.
- Non overpaintable.

TECHNICAL DATA	MOVEMENT ACCOMMODATION	+ OR -20%
	SKINNING TIME	5 - 10mins @ 20°C
	CURE TIME	2mm per 24 hours
	HARDNESS (Shore A)	15-25
	SHRINKAGE	15-25%
	APPLICATION TEMP. RESISTANCE	+5°C TO +40°C
	SERVICE TEMP. RESISTANCE	-30°C TO +150°C
	TENSILE STRENGTH	1.5 Mpa
	STRESS	0.3 Mpa at 100% elongation
	SPECIFIC GRAVITY	1.00
	CLEANING	Uncured sealant: White Spirit
	MINIMUM JOINT WIDTH	4mm
	MAXIMUM JOINT WIDTH	25mm
	JOINT RATIO	Maximum depth 50% of joint width
	COVERAGE	@10 linear metres 9 x 9 fillet joint
	ELONGATION AT BREAK	200%
	SHELF LIFE	24 months when stored in unopened packaging @ +5 to +25°C

PACKAGING • Available in 310ml rigid cartridge. Other packs available on request.

HEALTH AND SAFETY • Refer to the relevant Material Safety Data Sheet (MSDS).

LEGAL NOTICE

The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Delta Adhesives Limited accepts no liability arising out of the use of this information or the product described herein.

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