



D200/1/2 RTV SILICONE SEALANT

PRODUCT DESCRIPTION

Delta D200/1/2 RTV (Room Temperature Vulcanising) Silicone Sealant is a high modulus, acetoxy, pure silicone sealant which cures quickly by reaction with atmospheric moisture to give a tough and durable rubber seal. Specially designed for industrial and automotive use. It will replace pre-formed gaskets combining high strength with flexibility.

AREAS OF USE

The product has a wide area of application which includes the following:-

- Industrial and Engineering uses, such as gasket sealing etc.
- Metal to metal and metal glass expansion joints.
- Joints and seals subject to areas of periodic high temperature*.
- Marine sealing and bonding.
- Sealing worktops and panels.
- Refrigeration and hygiene seal.
- Butt and channel glazing.

*Where constant high temperatures are experienced please use Delta D212/ D213.

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

- Faster curing.
- Good chemical resistance
- Extremely low dirt pick up.
- Waterproof seal.
- High electrical resistance.
- Permanently flexible.

LIMITATIONS

- 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, solvents or plasticisers.
- Do not use for perimeter pointing of uPVC.
- Do not use on soft metals such as lead or brass.
- Do not use for aquarium manufacture.
- Not overpaintable.



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| TECHNICAL DATA | SPECIFIC GRAVITY | 1.02 - 1.04g/cm ³ |
| | APPLICATION RATE | 250 g/minute 3.2mm orifice 6.3 bar |
| | SAG | <2mm |
| | TOOLING TIME | 5 mins |
| | TACK FREE TIME | 30 mins |
| | SHELF LIFE | 12 months |
| | HARDNESS | 15-25 Shore A ASTM D2240 |
| | TENSILE STRENGTH | 1.2 Mpa ASTM D412 (die C) |
| | TENSILE MODULUS @ 100% ELONGATION | 0.25 Mpas ASTM D412 (die C) |
| | ELONGATION AT BREAK | 400% ASTM D412 (die C) |
| | TENSILE ADHESION MODULUS @ 100% ELONGATION | 0.38 Mpa ISO 8339 (glass substrates) |
| | TENSILE ADHESION STRENGTH AT BREAK | 0.55 Mpas ISO 8339 (glass substrates) |
| | ELONGATION AT MAX TENSILE | 200% ISO 8339 (glass substrates) |
| | PEEL ADHESION STRENGTH | 6 KN/m ASTM C 794 |
| | VOLUME SHRINKAGE | max 4% iso 10563 |
| | TEMPERATURE RESISTANCE | -60 to +260°C |
| | 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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