

# Pro Seal

## High quality, food grade sealant

**A specially formulated food grade sealant - perfect for areas where food is handled and stored**

### What is Pro Seal?

Pro Seal is a high quality, food grade sealant suited for fungicidal joint seals, particularly where food is handled and stored. Not only can it be used in food handling areas, but it can also be used in other sanitary spaces, such as sinks, shower trays, bathtubs, tiles, toilets, worktops etc. Perfect for joints between concrete, stone, masonry, plastic, PC, PVC, PMMA, metal, stainless steel, wood, floor, ceiling, roof and interior and exterior wall structures.

### How does Pro Seal work?

Pro Seal is based on silicone technology and will react with moisture in the air to cure into a durable rubber.

### Key Features and Benefits of Pro Seal

Durable and easy to use – Pro Seal retains elasticity.

**Certified for use in foodstuff areas.**

Excellent workability – smooth application with a slow skin formation.

**Superb adhesion without primer on most porous and non-porous surfaces.**

Odour free, acid free, non-shrink curing sealant.

**Non-corrosive to metals.**

Fungicidal in accordance with ISO 846.

### Application Conditions

Use a suitable brush to remove any loose particles from the surface. Pro Seal is not paintable. We recommend taping off joint edges to prevent silicone contamination on unpainted adjacent surfaces.

1. Using a sharp knife, place screw nozzle onto flat surface and cut at an angle of 45 degrees. The higher up the nozzle, the smaller the aperture.

2. Screw the nozzle onto the end of the Pro Seal tube and insert into the sealant gun.

3. Squeeze trigger gently until sealant spears in the nozzle.

4. Place nozzle onto job at the same angle as the nozzle cut. Move the gun at the same time as pulling the sealant gun trigger, keeping the bead of mastic uniform in thickness. Do not move too quickly or you will "stretch" the bead and if you move too slowly the sealant will distort.

### Limitations

Pro Seal is not suitable for natural stone or aquarium applications. Not suitable for PE, PP, PTFE, neoprene or bituminous surfaces. Discolouration may occur under certain conditions, such as direct contact with chemicals or applications in dark rooms/spaces.

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### Technical information

Base	Silicone Alcoxy
Application temperature	+5°C and +40°C
Service temperature	-40°C and +150°C
Skin formation time	15-25 minutes @ 23°C and 55% RH
Curing time	24 hours - 2mm @ 23°C and 55% RH
Movement capability	25%
Shore A Hardness	22 (DIN 53505)
Modulus of Elasticity	0.34 N/mm <sup>2</sup> (DIN 53504)
Tensile Strength	0.95 N/mm <sup>2</sup> (DIN 53504)
Shear Strength	2.5 N/mm <sup>2</sup> (ISO 4587)
Stretch at breaking point	400% (DIN 53504)
Storage conditions	Store in a cool dry place between +5°C and +25°C
Shelf life	15 months from date of manufacture if stored as directed

### Health and Safety

Before use, it is important that you have read the Safety Data Sheet in its entirety and the appropriate PPE is worn during use.

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