GSA PROSEAL 600

DESCRIPTION

GSA Pro Seal 600 is a high-performance, neutral-cure silicone sealant formulated for professional construction, glazing, and industrial applications. It provides outstanding adhesion to a wide range of substrates, forming a durable, flexible, and weather-resistant seal that maintains performance for many years. Its 100% silicone formula ensures superior resistance to UV radiation, weathering, and extreme temperature conditions.

APPLICATIONS

Roofing and guttering

General glazing and weather sealing

Sheetmetal fabrication

Water tanks and potable water applications

Caravan, RV, and marine sealing

General construction joints and perimeter sealing

SUITABLE SUBSTRATES

Glass

Aluminium and powder-coated metals

Stainless steel

Concrete and masonry

Painted surfaces

Most plastics and composites

Roof and gutter materials

FEATURES & ADVANTAGES

100% neutral-cure silicone (oxime-based)

Excellent UV and weather resistance

Potable water compliant (AS/NZS 4020)

Excellent adhesion to most building materials

±25% joint movement capability

Low-VOC, non-corrosive, and solvent-free formulation

Permanently flexible and paintable (once cured)

PRODUCT CHARACTERISTICS

Property	Specification Standard colours	Specification Matt colours
Curing Method	Moisture curing (Neutral Oxime)	Moisture curing (Neutral Oxime)
Skin Formation Time	5–10 minutes	5–10 minutes
Tack-Free Time	<20 minutes	<20 minutes
Curing Rate	2–3mm per day	2–3mm per day
Joint Movement Capability	±25%	±25%
Specific Gravity	1.02 g/ml	1.33 g/ml
Shore A Hardness	25	35
Tensile Strength	1.1 MPa	1.1 MPa
Elongation at Break	≥580%	≥360%
Application Temperature	+5°C to +45°C	+5°C to +45°C
Service Temperature Range	-30°C to +180°C	-30°C to +180°C
Shelf Life	12 months (stored below 25°C in a dry place)	12 months (stored below 25°C in a dry place)

COLOURS & PACKAGING

300mL cartridges: White, Clear, Grey, Black, Matt grey, Matt black

600mL sausages: Clear

INSTRUCTIONS FOR USE

Surface Preparation

Surfaces must be clean, dry, and free from dust, grease, rust, or other contaminants. Non-porous substrates should be degreased with a suitable solvent.

Application

Cut the nozzle to desired bead size and screw onto the cartridge.

Apply using a standard caulking gun, pushing the sealant ahead for a smooth bead.

Tool immediately for best finish.

Allow to cure undisturbed.

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Clean-Up

Uncured sealant may be cleaned with mineral turpentine or similar solvent. Once cured, remove mechanically.

LIMITATIONS

Not recommended for structural glazing or continuous immersion.

Not suitable for PE, PP, or PTFE substrates.

Avoid contact with bituminous materials or solvent-based coatings.

HEALTH & SAFETY

Refer to the Safety Data Sheet (SDS) before use. Use in a well-ventilated area. Wear protective gloves and eye protection. If skin contact occurs, wash with soap and water. In case of eye contact, flush with water and seek medical attention.

Poisons Information Centre: 13 11 26 (Australia)

Disclaimer

CW Brands Pty Ltd believes that the information in this technical data sheet is an accurate description of the typical uses of the product. The data and statements are based on our research and development work and is to the best of our knowledge true and accurate. The user must ensure of the product(s) in their application prior to use in particular to determine its performance, efficiency and safety. The use of this product is beyond the manufacturer's control, and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Products conform solely to the information contained in this and other related CW Brands Pty Ltd publications.

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