

CONTRACTORS

ACETIC SILICONE SEALANT

Description

SA - Contractor series silicone sealant is a one part moisture curing silicone. It is an easy to use acetic cure silicone designed for general purpose glazing and sealing applications where long - term reliability is required. Weathering and UV resistance is excellent, important in glazing where most organic sealants fail. It is unaffected by high and low temperatures and its superior physical properties are retained after many years of exposure.

Key Performance Properties

- **NON SLUMP**
- **EASY APPLICATION ONE PART READY TO USE**
- **FAST CURING**
- **OUTSTANDING WEATHERABILITY**
- **EXCELLENT ADHESION**

Applications

SA - Contractors has excellent adhesion to glass, ceramics, aluminium and many plastics. It can be used for: Standard glazing of frames panels and shop fronts. Curtain wall sealing. Sealing environmental and refrigerated rooms, skylights, ventilators, and air-conditioning units. Assembly of metal/plastic signs. Weather proofing etc.

Limitations

Contractors is not recommended for use: * with concrete, marble, galvanised steel, lead surfaces, or the fixing of mirrors without the manufactures approval. On submerged joints where porous substrates permit water to the bond interface. In aquarium construction and structural glazing. SA recommends sealant. For use on some laminated glass or certain rubber products where bleeding of plasticise may occur.

PROPERTY	VALUE
CURE METHOD	ACETOXY
COLOUR	Trans White Black
SAG/SLUMP	Non-Slump (0.1")
HARDNESS (ASTM D2240)	28 Shore A
TENSILE STRENGTH	290 PSI - 2.0 MPa
DYNAMIC JOINT MOVEMENT	±25%
SKIN TIME @25°C/50% RH	5 min
CURE TIME 10mm @25°C/50% RH	5-7 Days
OPERATING TEMPERATURE	-62c to +204°C
SPECIFIC GRAVITY	1.04



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Application

Cut nozzle at a sharp angle slightly wider than the desired bead. Extrude sealant with a sealant gun and tool with a spatula within 5 minutes to spread the sealant against the joint surfaces. When necessary to produce a neat appearance masking tape is recommended. This should be removed immediately after tooling before skin over forms. Uncured sealant should be cleaned off non-porous surfaces while in the uncured state.

Surface Preparation

All surfaces must be clean, dry, sound, and free from dust, oil, rust, or any other contamination. Metals should be cleaned with a non-oily solvent. Solvent should be wiped from the surface with a clean dry cloth. Use an alcohol such as White or methylated spirits on glass. When used on remedial work all existing sealant must be removed.

Packaging

300grms Cartridge - Available in carton of 20.
Product Packed in Australia.

Storage/Shelf Life

The shelf life of Silicone N is 12 months if stored in a cool dry place. The storage temperature should not exceed 25°C as this will decrease shelf life.

Specifications

Typical product data should not be used as specifications. Product specification sheets are available upon request from SA Plastics Australia Pty Ltd. Contractor Application Instructions Standard Glazing

A thin bead of sealant will tolerate more movement than a thick bead. Joint width and depth should be no less than 4 mm. Maximum joint width should not exceed 25 mm. Depth should be half the width with a maximum of 10 mm. Polyethylene closed cell foam rod is the recommended back up material to provide the correct depth of joint. If the joint is too shallow use a polyethylene tape bond breaker. Do not allow the silicone sealant to contact the back of the joint or any staining materials

Health And Safety

Contact with uncured product will irritate eyes. In case of eye contact immediately flush with water for 15 minutes and seek medical advice. Use in well ventilated areas. Avoid contact with skin or clothing.

KEEP OUT OF REACH OF CHILDREN.

Sealant Volume Calculator

Number of 300gm Cartridges =
 $\text{Joint Width (mm)} \times \text{Joint depth (mm)} \times \text{Joint length (meter)} \times 1.15^* \text{ Divided by } 292$

** Please note: 1.15 Allows for 15% wastage. Joints are assumed rectangular*

