

Forcon-d Silicone

Silicone Glass & Metal Sealant (Neutral Cure)



Technical Data Sheet

Description: FORCON-D® Silicone Glass & Metal Sealant (Neutral Cure) is a one part, 100% silicone, high performance general purpose, neutral cure silicone sealant. It will not corrode zinc or attack concrete. It is suitable for glazing, sealing metal lap joints, water proofing application. Permanent watering bonds can be made with this sealant in combination with glass, metal, aluminum, concrete, granite, ceramic tile, painted surface, non-oily wood, porcelain, rubber and most plastics.

Technical Data:	Cure system	Oxime (Neutral)
	Full cure	1-3 days
	Shore A hardness	~ 18-26 Shore A
	Application temp. range	-30 °C to + 60 °C
	Tensile strength at rupture	1140 mm
	Tack free time (Max)	18-27 minutes
	Elongation a break (Min)	350%
	Service temp. range	- 50 °C to + 150 °C
	Movement accommodation	+25%
	Tooling time	Approx 6 minutes

Application: It can use to glaze and waterproof window construction, windshield, shower screens, automotive, refrigerated rooms, gutters, duct work, storefront, sanitary, internal fixtures and fitting, skylights etc.

Limitation: Not suitable for conditions water immersion. Do not use for structural glazing. Not recommended for food contact application.

Usage: Join surface must be clean, free of contamination. Use solvent (MEK) or mechanical cleaning only. Cut tip diagonally according to width of joint. Apply to clean and dry surfaces free from oil or grease by caulking-gun, air gun. Tooling time is app. 5-10 mins. and tack free time is app. 18-25 mins.

Storage: Shelf life is 14-16 months minimum when store in cool, dry condition, below 30 °C for prolong period.

Safety and First aids: Repeated contact uncured sealant to skin may cause irritation. Use appropriate personal protection to avoid contact with skin and eyes. In case of eye contact flush eye immediately with running water for 15 mins and get medical attention.

Keep out of reach of children: Before handling, read both the product and material safety data sheets for detailed use and health information.

Color: White, Black, Light Gray, Aluminum and Almond

Shipping Units: FORCON-D Silicone Glass & Metal Sealant (Neutral Cure) is delivered in 300 ml Plastic cartridge. One carton contains 12 cartridges.