

SWISSTEK SILICONE

All purpose-The trusted sealing solution

FOR THE PERFECT FINISH

TECHNICAL DATA SHEET

DESCRIPTION

Swisstek Silicone sealant is a one component neutral sealant which can mainly use in bathrooms, Kitchen, Aluminium industry and industrial usages. Swisstek silicone comes in three colors which are clear, white and black.

FEATURES

- Ready to use – neutral cure that quickly cures at room temperature by reacting with moisture in the air to produce 100% silicone rubber.
- High Tensile strength/ excellent adhesion – Excellent adhesion to most common materials.(metal sheets, Galvanized steel, most painted surfaces, glass, concrete, brick, fiber glass, ceramic, plastic surfaces and etc.)
- No Sag – not flow of its own weight can be applied overhead, on side wall joints and surfaces without sagging, slumping or running off.
- Water proof
- Fewer odors – neutral silicone which has fewer odors when comparing to other
- Non acidic – neutral silicon which will not lead for corrosions
- No discoloration
- Mold resistance
- Capable of $\pm 25\%$ joint movement
- Product quality consistency – use high quality Germany raw materials which helps to keep quality of product

APPLICATIONS

Kitchen and Bathroom

Aluminium doors, windows, partitions

Industrial Usage

Exterior and interior usage

TYPICAL PERFORMANCE DATA

For Uncured	
*Density	1.3 g/ml
Colours	Clear, White, Black
Flow, Sag or Slump	NIL
Skin formation Time (23°C/50% RH)	5min-15 min
Curing Rate (23°C/50% RH)	3mm/24 hours
Temperature range at application stage	-4°C to 40°C
Cured - Physical	
Tensile Adhesion Strength	≥ 2.0 N/mm ²
Maximum Allowed Distortion	25%
Allowed Temperature	Up to 200°C
Shear Strength	≥ 1.25 N/mm ²

PRODUCT LIMITATIONS

Not to be used for hide and semi-hide glass curtain walls as structural adhesive

Not to be used for grease, plasticizer or solvent surfaces

Not to be used in the bad ventilated places, as it is required to absorb moisture in air to cure the sealant

Not to be used on the frosty or moist surfaces

Not to be used on copper plated surfaces



APPLICATION INSTRUCTIONS

- Surface must be clean and dry, if cleaning required, use an oil free solvent and dry thoroughly
- Cut nozzle on angle to desired bead size
- Apply silicone with caulking gun, pushing sealant ahead of nozzle
- Tooling should be done immediately as sealant will skin 10 minutes and cure in 24 hours

COVERGAE (linear meters per 300 ml)

Width (mm)		2	3	7	10	12	16	19	25
Depth (mm)	2	71.5	57.0	20.0	14.0	11.5	8.5	7.6	5.5
	3	-	31.5	13	19.5	7.5	5.5	4.5	3.5
	5	-	-	8.0	5.5	4.5	3.5	2.5	1.5
	7	-	-	5.5	3.5	3.0	2.0	1.5	1.0

PACKAGE

300 ml/ cartridge, 24 cartridge/ cartoon

SHELF LIFE

15 months in sealed condition and room temperature from the date of manufacture.

SAFETY ADVICES

Direct contact of uncured sealant irritates eyes and may irritate skin.

In case of eye contact, wash eyes with water for 15 minutes, and obtain medical attention.

Marketed and Distributed By

Swisstek (Ceylon) PLC (An associate company of Lanka Tiles)

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