

TDS | 2044.2

ROOF & GUTTER 100% SILICONE SEALANT





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ICCONS® Roof & Gutter 100% Silicone is a ultimate one-part, neutral-cure 100% Silicone sealant formulated for Roof & Gutter applications. It offers outstanding weatherproofing & temperature resistance, providing long-term protection for glass façades, windows & sanitary joints. The sealant has excellent primeless adhesion to most building materials & remains permanently elastic.

FEATURES

- ✓ 100% Silicone
- ✓ UV & Weather Resistant
- ✓ Neutral Cure
- ✓ Non-corrosive
- ✓ Highly Flexible
- ✓ Conforms to ASI TS-001

TYPICAL APPLICATIONS

- Metal, tiled & Colorbond® roofing applications
- Gutters & downpipes
- Flashings & roof penetrations
- Skylights
- Air-conditioning units
- Metal ducting
- Sheet metal fabrication

SUBSTRATE

- Suitable for most building substrates:
- Galvanised iron & steel
 - Glazed & ceramic tiles
 - Sheet metal
 - Aluminium
 - Glass
 - Timber
 - Concrete
 - Various porous materials

ADVANTAGES

- Rapid curing
- Highly flexible
- Waterproof
- UV resistant
- Neutral curing
- Low odour
- Permanently elastic
- Excellent adhesion
- Non-slumping

PRODUCT CHARACTERISTICS

COLOUR	Translucent, Black, White and Grey
APPEARANCE	Fine, uniform paste
SERVICE TEMPERATURE	-30°C to +200°C
PRODUCT CODE	Translucent: FSA-STU300-RG Black: FSA-SBU300-RG White: FSA-SWU300-RG Grey: FSA-SGU300-RG
CARTRIDGE SIZE	300mL





ROOF & GUTTER ULTIMATE
100% SILICONE SEALANT

Part No.	Part No.	Part No.	Part No.	Description	Colour	Qty.	Qty.
FSA-STU300-RG				300ml Roof & Gutter Ultimate 100% Silicone Sealant	Translucent	12	1536
	FSA-SBU300-RG*			300ml Roof & Gutter Ultimate 100% Silicone Sealant	Black	12	1536
		FSA-SWU300-RG*		300ml Roof & Gutter Ultimate 100% Silicone Sealant	White	12	1536
			FSA-SGU300-RG	300ml Roof & Gutter Ultimate 100% Silicone Sealant	Grey	12	1536

*Available on request

TYPICAL PROPERTIES

ITEMS	C*a/T*b/S*c/O*d	UNIT	REQUIREMENT
Appearance		/	Fine, uniform paste
Density		g/cm3	1.02±0.10
Tack free	///Finger	min	≤15
Sagging		mm	≤1
Hardness, Shore A	7d///	/	25~40
Curing Depth	24h///	mm	≥3.0
	7d///	mm	≥6.0
Elongation at break	7d///	%	≥500
Tensile Strength	7d///	MPa	≥0.8

NOTES:

*a: Conditioning, specimen is conditioned under (23±2)°C, (50±5)% relative humidity if not specified;

*b: Testing Condition, specimen is tested at (23±2) °C, (50±5)% relative humidity if not specified;

*c: Substrate

*d: Others need to be specified.



DIRECTIONS FOR USE

APPLICATION TEMPERATURE: +5°C to +45°C

Use only in well-ventilated areas. May cause an allergic skin reaction.

1. Prepare the surface by ensuring it is clean, dry, & free from dust or contaminants.
2. Cut the nozzle at a 45° angle & insert the cartridge into a caulking gun.
3. Hold the gun at a 45° angle & apply an even bead of sealant.
4. Tool & smooth the sealant before it begins to skin.

Note: Skin formation occurs within 5–10 minutes. Full cure of 8mm depth is reached in approximately 7 days. Uncured product may be cleaned using a Isopropyl solvent.

RESTRICTIONS FOR USE

- Do not apply to substrates where the surface temperature exceeds +50°C or when the ambient temperature is below 5°C.
- Do not apply to surfaces that come into direct contact with food.
- Do not use for structural glazing applications.

SAFETY DIRECTIONS

Keep out of reach of children. Before operation, please carefully read the specifications of products and material, and instructions on the package of container. For more information about safety, please refer to the SDS.

SHELF LIFE

12 months when stored in original, unopened packaging. Keep out of direct sunlight & store in cool, well-ventilated environment between +5°C to +25°C.

DISCLAIMER

The details provided in this Technical Data Sheet (TDS) are based on ICCONS' knowledge at the time of publication. No warranty is given regarding specific product characteristics, and this document shall not be interpreted as forming a legally enforceable contract. It is supplied for guidance only concerning product selection, safe handling, application, storage, transportation, and disposal.

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