

TDS | 2045.1

ROOF & GUTTER SILICONE SEALANT





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ICCONS® Roof & Gutter Silicone is a premium, neutral-cure sealant designed for long-lasting performance on both metal & tiled roofing. Engineered for durability, it delivers a weatherproof, UV-resistant bond that stays flexible through changing temperatures & harsh outdoor conditions.

FEATURES

- ✓ Superior Quality
- ✓ UV & Weather Resistant
- ✓ Neutral Cure
- ✓ Non-corrosive
- ✓ Highly Flexible



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
- Good adhesion with 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: Grey
APPEARANCE	Fine, uniform paste
CURING METHOD	Neutral cure
SERVICE TEMPERATURE	-30°C to +200°C
PRODUCT CODE	Translucent: FSA-STP300-RG Grey: FSA-SGP300-RG
CARTRIDGE SIZE	300mL

Part No.	Description	Colour	 Qty.	 Qty.
FSA-STP300-RG	300ml Roof & Gutter Silicone Sealant	Translucent	12	1536
FSA-SGP300-RG	300ml Roof & Gutter Silicone Sealant	Grey	12	1536



TYPICAL PROPERTIES

ITEMS	C*a/T*b/S*c/O*d	UNIT	REQUIREMENT
Appearance		/	Fine, uniform paste
Density		g/cm3	1.00±0.10
Tack free	///Finger	min	≤15
Sagging		mm	≤1
Hardness, Shore A	7d///	/	30~40
Curing Depth	24h///	mm	≥2.5
	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 6mm depth is reached in approximately 7 days. Uncured product may be cleaned using a suitable solvent.

RESTRICTIONS FOR USE

- Roof & Gutter is not suitable for the following applications:
- Surfaces where bleeding can occur such as marble, granite and other natural stone.
 - Submerged joints such as swimming pools or aquariums.
 - Structural or insulated glazing.
 - Various plastics such as polyethylene, polypropylene and Teflon.

Note: Roof & Gutter cannot be painted.

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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