



SG557

NON-STAINING SILICONE WEATHER SEAL

DESCRIPTION

SG557 is a single component neutral cure silicone sealant with good mechanical properties and adhesion to most common porous and non-porous building substrates and a movement accommodation of +/- 25%.

BASIC USES

SG557 is designed for use as a weatherseal silicone in applications where substrates demand a non-staining sealant.

PACKAGING

300 ml cartridge (25 per case)
600 ml sausage (20 per case)

FEATURES & BENEFITS

- Excellent adhesion to most construction materials
- Non-staining to most common substrates
- Excellent resistance to weathering, ultra-violet radiation, vibration, moisture, ozone, temperature extremes, and airborne pollutants
- Non-slumping
- Good gunnability between +5°C and +40°C
- ASTM C510 – No color change. No staining
- ASTM C1248 – No discoloration. No staining

COLOUR

Traffic White, Warm Grey, Signal Black

LIMITATIONS

Do not apply below 0°C or while raining. Not recommended for permanent water immersion.

DIRECTIONS FOR USE

Priming

- SG557 has excellent primerless adhesion to many typical construction materials. For special

situations, please contact Tremco CPG Technical Services department.

Joint Design Considerations

- Joint width should be maximum 30 mm.
- Width to depth ratio of SG557 should be 2:1

Surface Preparation

- Joint faces should be clean, dry and free from dust, oil, grease, old sealant and any traces of contaminant which may affect adhesion. Any previously applied sealant must be mechanically removed.
- Thoroughly clean with a suitable cleaning solvent using the two cloth method, using one cloth dampened with the cleaning product to lift contaminants and a second clean dry cloth is used to remove any cleaner residue.
- Apply masking tape to prevent contamination of adjacent surfaces.
- Contact Tremco CPG Technical Services Department for more information if required.

Joint Backing

- In movement joints, back fill the joint with polyethylene joint backing in order to control the depth of sealant and prevent three-sided adhesion.

Application

- Always carry out a test application prior to installation, to confirm compatibility and suitability for use.
- Apply between +5°C and +40°C using a conventional skeleton gun or powered equipment.
- All beads should be tooled after application to ensure firm, full contact with the joint faces.
- Tooling should commence without delay.
- Application should be in accordance to local codes of practice for sealing joints.

CLEANING

Remove excess sealant immediately with a suitable cleaner. Ensure surface is solvent resistant before cleaning. Cured sealant can only be removed mechanically.

WARRANTY

Tremco CPG APAC products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG APAC written instructions and (b) in any application recommended by Tremco CPG APAC, but which is proved to be defective, will be replaced free of charge. No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. Tremco CPG APAC reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

PROPERTY	TEST METHOD	TYPICAL VALUES
Appearance		Paste
Specific Gravity		1.30±0.02
Shore A Hardness	ASTM C661	28
Staining / Colour Change	ASTM C510	No colour change
Staining of Porous Substrate	ASTM C1248	No discolouration or stain
Tack Free Time	at 23°C, 50% RH	< 20 minutes
Cure Time		1 - 2 mm/day
Slump		Non-slump type
Tensile Strength	ASTM D412	> 0.90 N/mm ²
Modulus at 100% Elongation	ASTM D412	> 0.40 N/mm ²
Elongation at Break	ASTM D412	> 450%
Adhesion/Cohesion Under Cyclic Movement	ASTM C791	± 25%
Adhesion in Peel	ASTM C794	> 2N/mm
Application Temperature		+5°C to +40°C
Service Temperature Range		-40°C to +150°C
Storage	Store in dry shaded conditions between +5°C and +30°C	
Shelf Life	12 months if stored as recommended in original unopened packaging	

To find your local office address and contact details, visit

www.tremcocpg-asiapacific.com

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