

# STANLEY® S 425 WINDOW & DOOR ALL WEATHER PRO™



### DESCRIPTION

STANLEY S 425 WINDOW & DOOR ALL WEATHER PRO is one component, neutral curing, high quality, premium silicone sealant that provides a permanently flexible, durable, water-tight seal for general glazing applications. It performs highly resistant weatherseal on window perimeters and building facades, expansion, connection, and other movement joints. It has extension/compression movement capability of up to ±25 percent of the original joint width. It has excellent weatherability, virtually unaffected by sunlight, rain, snow, and ozone.

### PRODUCT FEATURES

- Meets ASTM C920 Class 25, ± 25% Movement Capability
- 30 minutes water-ready, very low odor and non-corrosive
- Resists UV degradation, resistance to aging, cracking, and discoloring
- Provides permanent elasticity thanks to its 100% silicone formula
- Exceptional resistance to extreme temperatures
- Excellent flexibility and adhesion to numerous porous and non-porous substrates for large scale construction and glazing applications
- Fast curing, low modulus, high elasticity, high viscosity non slump formula
- Remains flexible in low and high temperatures

### APPLICATIONS

- Premium weather sealing and joint sealing for walls, windows, and doors
- Sealing and mounting the window and door frames
- Sealing applications of marble, stone, and other porous substrates
- Sealing of connection and expansion joints

### PRODUCT INFORMATION

PACKAGING	Net 10.1 Fl Oz. / 300 ml plastic cartridges
	12 pcs in box
SHELF LIFE	15 Months
STORAGE	In a cool and dry environment, between +41°F to +77°F.
COLOR	Clear – Black – White - Gray
COVERAGE	Reference: <a href="http://www.stanleychem.com/en/joint-sealant-calculator">www.stanleychem.com/en/joint-sealant-calculator</a>
<b>SKU</b>	<b>COLOR</b>
SXSE1060-01	Clear
SXSE1061-01	White
SXSE1062-01	Black
SXSE1063-01	Brown
SXSE1064-01	Gray
SXSE1066-01	Almond



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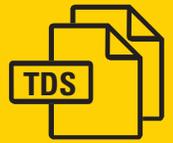
### KEY FEATURES

- RESISTS UV DEGRADATION
- 30 MIN RAIN-READY
- EXCELLENT FLEXIBILITY & ADHESION



### DIRECTIONS FOR USE

- **SURFACE PREPARATION:** Substrates must be sound quality, clean, dry and free of dust, grease, rust and other contaminants which may affect the adhesion. Non-porous surfaces (such as aluminum, glass, etc.) must be free of any coatings and should be cleaned with a suitable solvent and thoroughly dried with a clean cloth. Porous substrates (such as concrete, brickwork, etc.) must be mechanically cleaned from loose particles or residues with a jet of compressed air, sandpaper or hard brush. Mask off joint edges with self-adhesive tape as protection from contamination.
- **BACKING MATERIAL:** Use a polyethylene bond breaker tape or backer rod to adjust the joint depth to proper width/depth ratio and to avoid three side adhesion which restrict the movement capability of the sealant. Backer rod must be at least wider 25% than the joint width.
- **APPLICATION METHOD / TOOLS:** Recommended application and surface temperatures: +41°F and +104°F. Cut nozzle to obtain desired bead size. Apply the sealant as evenly as possible by using a professional caulking gun.
- **TOOLING AND FINISHING:** Tool the joint surface with a smoothing tool ensuring the sealant a full contact to the sides and backup material into the joint before skin formation. Remove the masking tapes immediately



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after smoothing over the surface of the sealant.

• **CLEANING:** Uncured product may be easily removed with damp sponge. Cured products must be removed mechanically. Hands can be cleaned with warm water and soap.

### TECHNICAL DATA

PARAMETER	TEST METHOD / CONDITIONS	VALUE
UNCURED SEALANT		
BASIS		Silicone
CURING MECHANISM		Neutral
SAGGING	ISO 7390	0 inch
DENSITY	ISO 1183-1	8,5 ± 0,25 (lbs. per gallon) (Transparent and Aluminum)
		10,0 ± 0,25 (lbs. per gallon) (Other colors)
SKIN FORMATION TIME	Internal (73°F and 50% R.H)	5-10 min
DRYING RATE	Internal (73°F and 50% R.H)	Min. 0,1"/day
CURED SEALANT		
SHORE A HARDNESS	ISO 868	15-25
ELONGATION AT BREAK	ISO 37 (4 mm thickness) (45 days 73°F and 50% R.H)	≥%350
TENSILE STRENGTH	ASTM D 412	≥101 psi
SERVICE TEMPERATURE	Ambient and surface	Between -40°F and +356°F
APPLICATION TEMPERATURE	Ambient and surface	Between +41°F and +104°F

### LIMITATIONS

- Not suitable in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Not over paintable.
- Not recommended to use in conjunction with bitumen asphalt, neoprene, and certain organic elastomers.
- Not suitable for food contact applications.
- Can yellow if exposed to bleach or HCl based brick cleaners whilst curing.
- Not suitable for swimming pool joints.

### SAFETY

Ensure good ventilation of the workstation. Wear personal protective equipment. Do not eat, drink, or smoke when using this product. Always wash hands after handling the product. Store in a well-ventilated place. Keep cool. Check MSDS guidelines for disposal and further information concerning safety.

### DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions, or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.

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### BEST TO USE WITH

	SKU NUMBER	PRODUCT NAME
	SXAC0423-01	PRO-CG2 Pro Caulking Gun
	SXAC0426-01	Smoothing Tool Set
	SXAC0428-01	Cartridge & Nozzle Cutter