



PPG Architectural Coatings

TOP GUN® 400 Elastomeric Acrylic Urethane Sealant

GENERAL DESCRIPTION

TOP GUN® 400 Elastomeric Acrylic Urethane Sealant is made with Kevlar® for exceptional strength and durability. This premium technology has superior adhesion to most building substrates with greater than 800% elongation. TOP GUN 400 is an internally plasticized sealant that reduces dirt pickup, eliminates yellowing and shiners. It forms a permanently flexible, airtight, water-resistant seal offering exceptional protection from environmental conditions. TOP GUN 400 is effective on wood, drywall, plastic, metal, brick, masonry, marble, glass, porcelain and ceramic tile. TOP GUN 400 is ideal for a variety of applications, including crown molding, windows/doors, baseboards, pipes/vents, brick/masonry, siding/trim, drywall, sinks/counters, stucco, and tuck pointing.

RECOMMENDED USES

- Windows and Doors
- Siding and Trim
- Sinks and Counters
- Hardboard and Flashing
- Stucco and EIFS
- Penetrations
- Crown Molding
- Expansion and Control Joints up to 1½ x ½

FEATURES / BENEFITS

- Lifetime Warranty
- Superior Adhesion
- Permanent Flexibility
- Internally Plasticized
- Exceptional Paintability
- Interior/Exterior
- Exceeds ASTM C-920

LIMITATIONS OF USE

Do not apply when rain is expected on exterior applications within 8 hours. Not recommended for applications below grade or where water may stand, or for traffic bearing surfaces. For deep cracks, always use closed-cell backer-rod. Use backer rod in cracks larger than ½" x ½." Not for food contact surfaces. NOTE: Painting the sealant before the recommended dry time may result in cracking. PROTECT FROM FREEZING.

PRODUCTS

1418	White
1418S	Stone
1418C	Urethane Clear
1418D	Bronze

PRODUCT DATA

Data below is based on White 1418.

Product Type:	Proprietary Urethane/ Modified Acrylic Blend (Siliconized)
Volume Per Tube:	10.1 oz.
VOC (actual):	<1.5% 30g/L less water
Weight Per Gallon:	9.37 lbs.
Solids by Weight:	67% minimum
Elongation:	Excellent
Slump:	0.1" Maximum
Low Temp. Flexibility:	Excellent
Freeze/Thaw:	5 Cycles
Adhesion:	Superior

Dry Time to Paint@ 70°F / 50% relative humidity):

Latex Paint:	4 to 6 hours
Oil Base Paint:	4 to 6 hours

(Expect longer dry times at lower temperatures and higher relative humidity.)

Estimated Coverage:	1/8" x 1/4" bead - 60 linear feet per tube
	1/4" x 1/4" bead - 30 linear feet per tube.

Clean Up: Clean spills immediately with clean water and a soft cloth. Clean tools immediately after use with clean water.

Flash Point: >200°F (>93°C)

ASTM Specification: Exceeds the requirements of Fed. Spec. TTS-00230C, Type S, Class A; ASTM C-920, Grade NS, Class 25, ASTM C-834, Type OP, Grade - 18°C. and AAMA 808.3

Note: This product is not formulated with lead or mercury containing materials.

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GENERAL SURFACE PREPARATION

Where applicable, remove old sealant or caulking. Thoroughly dry the joints or surfaces, where the TOP GUN 400 will be applied. Remove all dirt, dust, oil, mildew, loose paint or other contaminants. Bare surfaces should be primed before caulking.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

DIRECTIONS FOR USE

Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

Permissible temperatures during application:

Temperature Range: Air and surface
 40°F to 110°F (43.3°C)
 Optimum product temperature
 60°F to 80°F (16°C to 27°C)

Dew Point: Surface must be at least 5°F (3°C) above the dew point.

Application Information: Install backer-rod uniformly into deep cracks to control sealant depth. For cracks up to 1 1/2 inch wide, set the backer-rod from 1/4 to 1/2 inch deep. Bond breaker tape may be used for joints not deep enough for backer-rod.

Cut nozzle at a 45° angle.

Fill joints and cracks by holding the nozzle in the opening and filling completely from the bottom up. Cured bead should be between 1/8" and 1/2". Smooth immediately with a damp sponge or towel, or other tool as required.

Remove excess material with a wet cloth.

Dry excess sealant may be cut away.

SHIPPING

Freight Classification: PAINT OR PAINT RELATED MATERIAL

Packaging: 12-10.1 Ounce Tubes per carton

PPG Architectural Finishes, Inc. believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.



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