

**Interior/Exterior****PRODUCT 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. It is an internally plasticized sealant that reduces dirt pickup, eliminates yellowing and shiners. It forms a permanently flexible, air-tight, water-resistant seal offering exceptional protection from environmental conditions. Effective on wood, drywall, plastic, metal, brick, masonry, stucco/EIFS, marble, glass, porcelain and ceramic tile.

RECOMMENDED USES

Crown Molding
Windows and Doors
Baseboards
Pipes and Vents
Siding and Trim
Sinks and Counters
Expansion and Control Joints up to 2" x 1/2"

FEATURES & BENEFITS

Lifetime Limited Warranty
Super Adhesion
Permanent Flexibility
Internally Plasticized
Excellent Paintability
Interior/Exterior
Cured Caulk is Mildew Resistant
Exceeds ASTM C920, Class 25

PRODUCT INFORMATION

SAP	SKU	Product Description	Size
374866	1418/EA	<i>Top Gun 400</i> Elastomeric Acrylic Urethane Sealant White	10.1 OZ
390999	1418B/EA	<i>Top Gun 400</i> Elastomeric Acrylic Urethane Sealant Black	10.1 OZ
374873	1418C/EA	<i>Top Gun 400</i> Elastomeric Acrylic Urethane Sealant Clear	10.1 OZ
416987	1418D/EA	<i>Top Gun 400</i> Elastomeric Acrylic Urethane Sealant Bronze	10.1 OZ
379569	1418S/EA	<i>Top Gun 400</i> Elastomeric Acrylic Urethane Sealant Stone	10.1 OZ
761099	1418-SP/EA	<i>Top Gun 400</i> Elastomeric Acrylic Urethane Sealant White	20 OZ

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 1/2" x 1/2".

Not for food contact surfaces.

NOTE: Painting the sealant before the recommended dry time may result in cracking.

PROTECT FROM FREEZING.



PRODUCT TECHNICAL DATA

Specifications		White	Clear	Colors
ASTM C920, Type-S, NS, Class 25, Use NT, G, A, M & O		YES	YES	YES
Federal Spec TT-S-00230C, Type II, Class A requirements		YES	YES	YES
AAMA 808.3		YES	YES	YES
ASTM C834, Type-OP, NS, Grade -18°C requirements		YES	YES	YES
Typical Uncured Physical Properties	Test Method	Value	Value	Value
Base		Acrylic Latex	Acrylic Latex	Acrylic Latex
Urethane Modification		YES	YES	YES
Consistency		Smooth & Creamy	Smooth & Creamy	Smooth & Creamy
Odor		Slight Acrylic	Slight Acrylic	Slight Acrylic
Density		9.7 ± 0.10 lbs./gal.	8.8 ± 0.10 lbs./gal.	9.7 ± 0.10 lbs./gal.
Application Temperature Range		40°F to 100°F	40°F to 100°F	40°F to 100°F
Paint Ready Time		4-6 Hours	6-8 Hours	4-6 Hours
Full Cure Time (based on 3/16 inch bead size)		24-72 Hours	48-96 Hours	24-72 Hours
Water Ready Time		1 Hours	24-72 Hours	1 Hours
% Solids by Weight	ASTM C1250	70.0 ± 4%	62.5 ± 2.5%	70.0 ± 4%
Slump (sag)	ASTM C693	Passed	Passed	Passed
Tack Free Time	ASTM C697	<30 min	<40 min	<30 min
Freeze-Thaw Stability	ASTM C731	Passed / 5 Cycles at	Passed / 5 Cycles at	Passed / 5 Cycles at
VOC (excluding water & exempt compounds)		<50.0 g/L	<50.0 g/L	<50.0 g/L
CARB Non-Chem Curing (n-a) VOC		<1.5 wt. %	<1.5 wt. %	<1.5 wt. %
Typical Cured Physical Properties	Test Method	Value	Value	Value
Service Temperature		-40°F to 140°F	-40°F to 140°F	-40°F to 140°F
Paintable		Latex & Oil Based	Latex & Oil Based	Latex & Oil Based
Coverage (3/16" bead)		54 Lin. Ft.	54 Lin. Ft.	54 Lin. Ft.
Clean-up		Water and Soap	Water and Soap	Water and Soap
Joint Movement Capability	ASTM C719	± 25% 50% total	± 25% 50% total	± 25% 50% total
Tensile Elongation	ASTM D412	152 pli / 892%	85 pli / 900%	152 pli / 892%
Artificial Weathering	ASTM C793	Passed	Passed	Passed
Cracking & Chalking	ASTM C792	None - Passed	None - Passed	None - Passed
Peel Adhesion (Dry/Wet)	ASTM C794	> 25 pli / 15-25 pli	>25 pli / 15-25 pli	> 25 pli / 15-25 pli
Stain / Color Change	ASTM C510	Passed	Passed	Passed
Hardness (Shore A)	ASTM C661	17	15	17
Shelf Life (from manufacture date)		24 Months	24 Months	24 Months

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. LEAD IS TOXIC. Contact the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

DIRECTIONS FOR USE

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

Permissible temperatures during application:

Temperature Range: Air and surface
40°F to 100°F (4°C to 38°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 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.

Disposal: Contact your local environmental regulatory agency for guidance on disposal of unused product.

PRECAUTIONS

WARNING! HARMFUL IF INHALED. HARMFUL IF SWALLOWED. CAUSES RESPIRATORY TRACT AND EYE IRRITATION. Sanding and grinding dusts may be harmful if inhaled. Inhalation of high concentrations of vapor may affect the central nervous system. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Do not breathe vapor. Do not swallow. Do not get on skin or clothing. Avoid contact with eyes. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust or particulates arising from the application of this preparation. Use personal protective equipment as required. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific SDS and label information.** **FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. Call physician immediately. Keep out of the reach of children. For workplace use, an SDS is available from your retailer or by calling (412) 492-5555. EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.).

SHIPPING

Freight Classification: PAINT OR PAINT RELATED MATERIAL

Packaging: 12-10.1 Ounce Tubes per carton
20 Ounce Sausages available

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