

# Technical Data Sheet

# TOP GUN®

**TOP GUN FLEX C1420 WHITE**  
**Urethanized Elastomeric Sealant**  
ELASTOMERIC SEALANT

C1420

Interior and exterior

## Product Description

TOP GUN FLEX Urethanized Elastomeric Sealant is a premium grade sealant that forms a flexible, durable, airtight, water-resistant seal that offers exceptional protection from environmental conditions and features high elongation and superb recovery. TOP GUN FLEX Sealant is designed to be used on some of the most difficult applications, including: crown molding, windows /doors, baseboards, pipes/vents, brick/masonry, siding/trim, drywall, countertops, glass, tuck-pointing.

## Recommended uses

Crown molding, windows, doors, baseboards, pipes, vents, brick, masonry.  
Siding, trim, drywall, countertops, glass, tuck-pointing.

## Surfaces

Multipurpose with an excellent adhesion on many construction surfaces.

## Features & Benefits

- 65 year warranty
- Exceptional Adhesion
- Excellent Flexibility
- Paintable
- Interior/Exterior
- ASTM C-920 CLASS 12.5

## Colour choice and appearance

WHITE: C1420

## Application tool

Caulking gun.

## Certifications

ASTM C-920 Class 12.5

Type S, Grade NS, Non-Chemically curing sealant VOC less exempt solvents: <1.5%.

## Notes

- Not intended around showers or bathtubs or in areas that will be submerged in water.
- Not for food contact surfaces.
- Not intended for continuous underwater joint or below grade use.
- Cannot be sanded.
- Not for use in installing shower doors.
- Do not use on floor joints where abrasion will occur.
- Not for food contact surfaces.
- Paint application before the recommended drying times can result in cracking of the paint.
- Does not adhere to polyethylene, polypropylene, recycled plastic, Teflon or other comparable materials.
- Do not use on bare ferrous metal or on frozen or damp surfaces.
- Not for use on surfaces where silicone was previously applied.
- Make sure the joint variation does not exceed the product's elasticity.

**KEEP FROM FREEZING.**



Before use, be sure to read and follow the instructions and warnings on the label and Safety Data Sheet. See other cautions on the last page.

## Surface Preparation

Surface to be caulked must be clean, solid and dry. Remove all dirt, dust, oil, mildew, loose paint, old caulk and other surface contamination. Bare surfaces should be primed before caulking. Only apply when sealant, surface and air temperatures are above 2°C (35°F) and rising. Do not apply on surfaces that exceed 60°C (140°F) or when rain is expected.

## Application

Cut nozzle at a 45° angle. Cured bead should be between 3 mm (1/8") and 13 mm (1/2"). Use backer rod for gaps deeper than 13 mm (1/2"). Use backer rod for gaps deeper than 13 mm (1/2"). Smooth bead with a moistened cloth. If needed, product should be tooled within 10 minutes of application.

## Application Conditions

Temperature: +5 to 45°C (40 to 115°F) (ideal 20°C ± 5°C [68°F ± 9°F]).

Relative humidity: Ideal between 15 and 50%, maximum 85%.

**Outdoor:** Surface must be at a temperature at least 3°C (5°F) higher than dew point. Do not apply in direct sunlight. Application conditions must be maintained during product application and drying. Apply when no rain is expected within 8 hours. Low temperatures extend drying time.

## Cleaning

Remove as much product quantity as possible and clean tools with soap and lukewarm water immediately after use.

## Surface Maintenance

Maintenance varies according to usage and place. Proper maintenance starts with visual inspection. To maintain the protective characteristics, damaged or deteriorated sealant joints must be repaired as soon as possible.

## Storage and Transportation

Although it is stable at a limited number of freeze-thaw cycles, it is not recommended to let it freeze. Always store it in a dry place where the temperature is between 5°C (40°F) and 30°C (86°F). Under these conditions, the sealed tubes could be preserved for 24 months from date of purchase.

## Disposal

Consult your municipality about proper disposal procedure of residue in accordance with the laws and respect the environment. Do not pour down a drain or storm sewer.

## Technical Specifications (21°C (70°F))

### Composition

- Diluent: Water
- Binder: Polymer emulsion (latex)

### Volatile Organic Compounds (VOCs)\*

<1.5% by weight

According to ASTM D3960-05: <50 g/L

### Viscosity\*

Ready to use

### Density\*

12.7 lbs/gal ± 0.1 kg/L

### Solids by Volume\*

70.5%

### Solids by Weight\*

80.5%

Specific Gravity: 1.52

### Flammability

Non-flammable under normal use conditions

### Flash Point\*

Not applicable

### Freeze-thaw stability

Passes 5 cycles

(1 cycle = 16 hours at -18°C & 8 hours at 24°C)

### Drying Time\*

- Touch dry: 30 minutes
- Maximum tooling time: 10 minutes
- Before painting: 30 minutes
- Prior to withstanding light rain: 8 hours
- Prior to withstanding heavy rain: 24 hours

When relative humidity is higher than 50%, double the required drying time.

### Service range

Minimum: -30°C (-22°F)

Maximum: 80°C (180°F)

### Yield per tube

5 mm X 5 mm:	15 to 19 linear m
6 mm X 6 mm:	11 to 13 linear m
5 mm X 10 mm:	8 to 10 linear m
6 mm X 12 mm:	5 to 7 linear m
3/16 in X 3/16 in.:	55 to 69 linear ft.
1/4 in X 1/4 in.:	31 to 39 linear ft.
3/16 in X 3/8 in.:	28 to 34 linear ft.
1/4 in X 1/2 in.:	15 to 19 linear ft.

\*Technical data source: C1420

## Safety Measures

**CAUTION! MAY IRRITATE EYES.** Do not get in eyes. Keep out of the reach of children. Wear protective gloves and eye/face protection: chemical splash goggles. Use chemical-resistant, impervious gloves. Sanding and grinding dusts may be harmful if inhaled. 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. Keep container tightly closed and sealed until ready for use. Note: These warnings encompass the product series. Prior to use, read and follow product-specific SDS and label information. **FIRST AID TREATMENT:** If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. Keep out of the reach of children. For workplace use, an SDS is available from your retailer or by calling 1-800-463-7426. **EMERGENCY SPILL INFORMATION:** 514-645-1320.

## Satisfaction Guaranteed

The manufacturer warrants your complete satisfaction with the performance of this product for as long as you own or reside in your home when our product has been applied and maintained according to label directions. This satisfaction guarantee is non-transferable. The manufacturer does not warrant against problems with the product which are caused by factors beyond its control, such as structural defects, damage to the coating film by others, poor condition of the substrate, improper application, etc. If not satisfied as warranted, return the unused portion along with sales receipt to place of purchase. You will receive as your exclusive remedy either a refund of the price paid for the product or replacement with product of equal value. This warranty specifically excludes labour or costs of labour for the removal or application of any coating and indirect, special, consequential and incidental damages.