

## SILICONE ROOF COATING

### Low Solids

### DESCRIPTION

GT 6783 is a low solids, single component moisture cure elastomeric silicone roof coating. It contains 80% silicone polymer.

### AVAILABLE COLORS

White | Gray | Tan

### BENEFITS

- Ready-to-use
- Highly elastomeric
- Breathable membrane
- Superior weather and water resistance properties
- Excellent, long term durability
- Solvent and chemical resistant; UV stable
- High temperature resistance (up to 350 F)

### APPLICATION INSTRUCTIONS

**For Professional Use.**

**SURFACE PREP** All surfaces to be coated must be clean and dry; chemical cleaners, power-washing and/or priming the surface may be necessary to ensure optimal adhesion for some substrates.

**MIXING** Mix well before using until a uniform consistency and color is achieved. A power mixer is recommended for quantities larger than one gallon.

**THINNING** Do Not Thin.

**WEATHER RESTRICTIONS** It is recommended not to apply in temperatures less than 40 degrees Fahrenheit; do not apply if rain is expected within four hours of application. If applied in lower temperatures, the cure time may be affected.

### APPLICATIONS

- Ideal for use as a maintenance coating system to seal and repair existing low slope roofs.
- Provides a seamless water seal, protection against leaks, permanent ponding water and the damaging effects of severe weather on roofs and other substrates including:
  - » Sprayed-on urethane foam
  - » Masonry
  - » Concrete
  - » Metal
  - » Vertical walls
  - » Single-ply membranes
    - TPO
    - PVC
    - Hypalon
    - EPDM

**APPLICATION EQUIPMENT** This product may be sprayed, brushed, or rolled.

**CURE TIME** The coating can dry in 1-4 hours depending on variables such as temperature and humidity. A subsequent coat should be applied as soon as the previous one can safely be walked on.

**CLEAN UP** All equipment can be cleaned using 100% mineral spirits. Do not use water or reclaimed solvents.

**STORAGE - OPEN CONTAINERS** Once the material is open, the curing process has begun, and the entire container should be used. Allow leftover material to solidify and dispose of according to local and state regulations.

**CAUTION!** Roof surfaces may become slippery when wet.



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### STORAGE & HANDLING

For best results use within two (2) years of date of manufacture; store in unopened containers between 40 - 85 F (4 - 29 C).

### PACKAGING

GT 6783 is available in 5 gallon pails or 50 gallon drums.

### SAFETY

Please refer Safety Data Sheet for complete safety and regulatory information.

Request Safety Data Sheet: [roofcoatings@GTProducts.com](mailto:roofcoatings@GTProducts.com)

#### Certifications

UL 790 (ASTM E 108)

CRRC

#### Recommended Application Rates

PVC	2.0 gal/100 ft <sup>2</sup>
Galvanized Steel	2.0 gal/100 ft <sup>2</sup>
EPDM	2.0 gal/100 ft <sup>2</sup>
TPO	2.0 gal/100 ft <sup>2</sup>

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Properties	Test Methods ASTM	Typical Properties
Volume Solids, %	D 2697	68%
Solids Content, %	D 2369	80%
Initial Tensile Strength @ 73 F, Psi	D 2370	443
Initial Elongation @ 73 F, %	D 412	279
Initial Tensile Strength @ 0 F, Psi	D 2370	426
Initial Elongation @ 0 F	D 412	276
Elongation After 5,000 Hours Accelerated Aging @ 73 F	G 154 cycle	204
Elongation After 5,000 Hours Accelerated Aging @ 0 F	D 412	220
5,000 Hours Accelerated Weathering	G 154 cycle D 6694	Pass
Permeance @ 73.4 F / 50% Rh, Us Perms	E 96	5.0
Wet Adhesion To Spf, Pli	C 794 D 903	≥ 2.0
Tear Strength, Die C, Lbf/In	D 624	37
Low Temperature Mandrel Bend @ -15 F	D 522	Pass
Specific Gravity @ 77 F		1.20-1.30
Tack Free Time		≥1-2 hrs
Skin Over Time		≥1-4 hrs depending on Temp and %RH
VOC (EPA Method 24), g/l		< 250
Flash Point		>140F
Initial Sri Value		108
3 Year Aged Solar Reflectivity	C 1549	TBD
3 Year Aged Thermal Emissivity	C 1371	TBD
3 Year Aged Sri Value		TBD
Shelf Life		12 months

\* These properties are not intended to be used as specifications but only as suggested characteristics

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