GT 6759

100% SILICONE ROOF COATING
High Solids

DESCRIPTION

GT 6759 is a high solids, single component moisture cure elastomeric silicone roof coating used to coat a variety of substrates; the primary intended use is on low slope roofs.

AVAILABLE COLORS

White | Gray | Tan

BENEFITS

- Ready-to-use
- Highly elastomeric
- Breathable membrane
- Solvent free / diluent free
- Superior weather and water resistance properties
- Excellent, long-term durability
- Solvent and chemical resistant; UV stable
- High temperature resistance (up to 350 F)
- Reflects more sunlight than a traditional roof; absorbs less solar energy
- White roof coatings lower the building's temperature saving energy use and cost

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:
  - » Masonry
  - » Concrete
  - » Metal
  - » Vertical walls
  - » Single-ply membranes
    - ▪ TPO
    - ▪ PVC
    - ▪ Hypalon
    - ▪ EPDM
    - ▪ Modified-bitumen
    - ▪ Smooth and granulated surface BUR
- Sprayed-on urethane foam

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. Any damaged membranes, flashings, and penetration points must be properly repaired and sealed prior to application. Low water ponding areas should also be repaired to avoid future water ponding.

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.** The addition of thinners or other additives will alter the intended performance and void all warranties.

CLASSIFIED UL C US
Cements And Coatings For Roofing Systems As To External Fire Exposure
R40250

NSF

CRRC COOL ROOF RATING COUNCIL

Rated Product ID #: 1354-0001	Initial	Aged
Solar Reflectance	0.86	Pending
Thermal Emittance	0.90	Pending

The ratings above are subject to CRRC rating program conditions, requirements, and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating conditions, requirements, and limitations.

FM APPROVED

ASTM D6694 COMPLIANT

MIAMI-DADE COUNTY APPROVED

MADE IN USA

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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.

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.

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 6759 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

Certifications
UL 790 (ASTM E 108)
ASTM D 6694
FM 4474
CRRC
NSF P151
Miami Dade Approved
Florida Approved

Recommended Application Rates	
PVC	1.5 gal/100 ft^2
Applied Mod. Bitumen Smooth	1.5 gal/100 ft^2
Applied Mod. Bitumen Granular	1.5 gal/100 ft^2
BUR	1.5 gal/100 ft^2
Galvanized Steel	1.5 gal/100 ft^2
EPDM	1.5 gal/100 ft^2
TPO	1.5 gal/100 ft^2

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Properties	Test Methods ASTM	Typical Properties
Volume Solids, %	D 2697	95
Solids Content, %	D 2369	96
Initial Tensile Strength @ 73 F, Psi	D 2370	266
Initial Elongation @ 73 F, %	D 412	279
Initial Tensile Strength @ 0 F, Psi	D 2370	247
Initial Elongation @ 0 F	D 412	248
Elongation After 5,000 Hours Accelerated Aging @ 73 F	G 154 cycle	194
Elongation After 5,000 Hours Accelerated Aging @ 0 F	D 412	229
5,000 Hours Accelerated Weathering	G 154 cycle D 6694	Pass
Permeance @ 73.4 F / 50% Rh, Us Perms	E 96	6.3
Wet Adhesion To Spf, Pli	C 794 D 903	≥2
Tear Strength, Die C, Lbf/In	D 624	30
Low Temperature Mandrel Bend @ -15 F	D 522	Pass
Specific Gravity @ 77 F		1.30 +/- .04
Tack Free Time		≥1-2 hrs
Skin Over Time		≥1-4 hrs depending on Temp and %RH
VOC (EPA Method 24), g/l		<50
Flash Point		75 C (167 F)
Temperature Stability Range		-50 C - 176 C (-67 F - 350 F)
Initial Sri Value		109
3 Year Aged Solar Reflectivity	C 1549	TBD
3 Year Aged Thermal Emissivity	C 1371	TBD
3 Year Aged Sri Value		TBD
Shelf Life	24 months	24 months
NSF CERTIFICATION REQUIREMENTS		

Final Cure Time	30 days
Recoat Cure Time	24 hours
Dry Film Thickness	20 mils

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

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