



PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET

Silicone 410



DESCRIPTION

Silicone 410 is a ready-to use, high solids, single component, solvent borne, moisture cure fluid applied silicone coating.

ADVANTAGES

- Superior Protection - forms a durable, weather resistant "rubber-like" seal.
- Excellent UV protection.
- Superior adhesive and cohesive strength.

BASIC USES

Silicone 410 provides elemental protection for architectural surfaces such as vertical walls, masonry, concrete, metal, single ply roof membranes and sprayed-in-place urethane foam systems.

INSTALLATION

Mixing: Mix before application to assure uniform color and consistency.

Caution: *Due to the combustible nature of this product, do not use an electric mixer.*

Surface Prep: All surfaces to be coated must be clean, dry, and paintable. It may be necessary to power wash and/or prime to enhance adhesion. See application specification for more details.

Application: This product may be applied directly to any clean, dry surface. Polyurethane foam should be coated within 24 hours of application. Apply by spray, brush, or roller as received. No thinning or reducing is necessary. Subsequent coats should be applied within 24 hours of prior applications to insure full and uniform adhesion.

It is not recommended that this product be applied at temperatures below 50°F. (10°C.), or if rain is expected within 1 hours of application. Silicone 410 may be applied at lower temperatures, however the cure time will be extended.

Caution: *Silicone 410 contains combustible solvents. Keep away from heat, sparks and open flame. Avoid prolonged breathing of vapors and prolonged or repeated skin contact. Use only with adequate ventilation.*

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.



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MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	White, Light Grey, and Dark Grey. Special colors upon request at additional charge.	
Viscosity:	9,000 cps	
Tensile Strength:	486 psi at 73°F + 20 700 psi at 0°F + 20	ASTM D-412
Elongation (Initial):	267% at 73°F + 20 282% at 0°F + 20	ASTM D-412
Tensile, set at 100% Elongation:	Nil.	
Reflectivity (White):	84%	C-1549
Emissivity (White):	.85	C-1371
SRI:	105	
Solids:	Weight: 80% ± 2 Volume: 69% ± 2	ASTM D-1644 ASTM D-2697
Flash Point:	>105°F	ASTM D-93
Durometer Hardness:	50± 5 points	Shore A
Cure Time:	2-8 hours, depending upon temperature.	
Drying Time:	1 hour at 77°F	
Flammability:	Class "A" Non-Combustible and Class "B" Combustible credentials as tested under UL 790 procedures over spray foam and single-ply roofing systems.	
VOC:	<250 Grams/Liter	ASTM-D-3960 EPA Method 24
Recommended Coverage:	Depends on substrate: See application specifications for each surface.	
Shelf Life:	6 months when stored between 35°F and 75°F. (Unopened Containers.)	
Weight:	9.2 lbs. per gallon	
Clean Up:	Mineral Spirits	
Temperature Stability Range:	-80°F to 350°F (-37°C to 177°C)	
Packaging:	5 gallon buckets, 55 gallon drums	