

## Fluid-Applied Systems

# Cool-Sil™ Silicone

100% Silicone

Cool-Sil extends the life of aging single-ply, modified bitumen and metal roofs while eliminating the need for a full replacement.



### Meet sustainability goals

- Improved energy efficiency
- Runoff safe for nearby waterways
- Reduces landfill waste



### Ease of application

- Ready-to-use, apply with brush, roller, squeegee or spray (Cool-Sil SG)
- Cures fast
- Dries to a thick, monolithic covering



### Exceptional Weatherproofing

- Resists ponding water
- Excellent UV resistance



Enhance Your Roof Performance.

Extend Your Roof Life By At Least Another Decade.

Experience The Environmental Benefits Of Reduced Waste & Energy Consumption.

Before



After



### The Garland Company, Inc

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## Features & Benefits

### Meet sustainability goals

#### Improved energy efficiency

A Cool-Sil roof's bright white finish has a high r-value, reflecting sunlight and reducing the heat collected by the building, as well as the demand on energy-intensive air conditioning systems.

#### Runoff safe for nearby waterways

Cool-Sil's NSF 61 certification means that a cured roof surface can come into contact with potable drinking water sources with no harmful leaching.

#### Reduces landfill waste

A fluid-applied system like Cool-Sil can extend a roof's useful life by over a decade, without replacing the original roof, reducing the construction waste that goes to landfills.

### Ease of application

#### Ready-to-use, apply with brush, roller, or squeegee

Applicators can use the method best suited for the one-component material to coat existing aged smooth surface BUR, granulated cap sheets, single-ply membranes or metal.

#### Cures fast

Cool-Sil cures by reacting with moisture in the air in as little as one hour.

#### Dries to a thick, monolithic covering

With its high solids content and absence of hydrocarbon solvents, Cool-Sil provides a thick and durable, mold and mildew resistant covering that performs in a wide temperature range.

### Exceptional Weatherproofing

#### Resists ponding water

The characteristics of silicone create a roof surface where water easily runs off, minimizing the ponding areas that over time can lead to leaks.

#### Excellent UV resistance

Cool-Sil's 0.89 Solar Reflectance, tested to the ASTM C1549 standard, means that your roof is designed to fight against UV radiation, keeping the building cool.



**Cool-Sil™ Products Can  
Contribute Toward  
LEED Certification**

## Advantages of Silicone vs Other Liquid



Ponding Water  
Resistance



Excellent UV  
Resistance



Wide Surface  
Temperature Range



Fast Rain Resistance  
After Application



Can be Applied at Thick  
Coverage Rates & Cure  
Efficiently



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