



Cool Temp Coatings™

#390

Cool Temp Coatings #390

GSA Cool Temp Coatings is an innovative asphalt pavement coloring system that beautifies and protects your asphalt pavement surfaces against oxidation, deterioration, harsh weather conditions, and ultraviolet sun-rays and reduces the temperature of your asphalt pavement surface up to 30 degrees. Cool Temp Coatings is based on the same industry-leading HP #310 SealCoat formulation. Cool Temp Coating is an asphalt-based product, not acrylic-based. It also meets LEED & EPA requirements, with no road glares or shadow. Cool Temp Coatings will make dark roads look much brighter at night.



School Playgrounds

Product Benefits

- (RTU) Ready to Use
Reduces the temperature of asphalt surfaces
- Product can be applied with machines, not just the hand squeegee method
- Product can be used for public roadways, bike paths, parking lots, and school playgrounds



Public Roadways

Public Agencies • Property Managers • Schools • HOA's



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www.GoldStarAsphalt.com
Info@GoldStarAsphalt.com
T +1 888 770 7325





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Specifications Methods	Minimum	Maximum	Test Methods
Cone Penetration @ 77 F, dmm	350	650	ASTM D217
Nonvolatile Components %Weight	55	65	See Note 1
% Nonvolatile Soluble in Trichloroethylene by Wt.	15	25	ASSHTO T-45-56
	Requirements	Results	
Accelerated Weathering (4 years exposure)	Pass no cracking peeling when applied per spec	Passes	Federal Spec. TT-C-555B
	No leaks or weight gain	Passes	Federal Spec. TT-C-555B
Ultraviolet Resistance (10 year exposure)	Apply per spec	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Wet Track Abrasion Test</p> <p style="text-align: center;">ASTM 3910</p> <p style="text-align: center;">Passes / Excellent 12-15</p> <p style="text-align: center;">Depending on Dilution</p> </div>	
Typical Density- lbs./gal	WPG 9 - 10.5 pounds No dilute		
Color (as received) (cured film)	Light Gray / Ash White		

***Note 1:** Method for determination of non-volatile components: Weight 10 grams of homogeneous product into a previously tarred, small ointment can lid. Place in a constant temperature oven at 325 degrees for 1 1/2 hours. Cool, re-weigh, and calculate non-volatile components.

Suggested Architect's Short Specification

- SURFACE PREPARATION:** Repair damaged areas of asphalt. Crack fill surface cracks 1/4" or wider with GoldStar #315 Premium Cold Pour Crack Filler and prime oil-damaged areas with GoldStar #330 Oil Sealer. Clean asphalt surface before application. All water and sprinklers must be turned off 24 hours before start and must remain off until sealer is completely dried.
- APPLICATION:** GoldStar #390 Cool Temp Coating SealCoat must be applied to structurally sound pavement; any asphalt patching or crack filling should be done prior to the application of the seal coat. Squeegee or machine apply. Spread material in an even and uniform direction to eliminate gaps and ridges. GoldStar #390 is not to be diluted with water. The product is shipped (RTU) ready to use. The product should always be applied in two coats to achieve the desired protection and color.
- DRYING TIME:** Eight hours maximum at 70F. The recommended air temperature range for application is 70F to 95F.
- WEATHER LIMITATIONS:** The application should be postponed if wet or freezing weather is expected within 24 hours following the application. When ambient temperature exceeds 90F, pavement should be misted with a water-based fog system before application.
- COVERAGE:** Medium aggregate surfaces will use an average of 15-30 gallons of GoldStar #390 Cool Temp Coatings SealCoat per 1,000 square feet of asphalt pavement surface. Actual yield will vary depending on frequency of sealcoat applications, asphalt pavement texture, and age.



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