

## TOP O' TOPANGA – COOL PAVEMENT SEALCOATING - SPECIAL TOWN HALL

Saturday, September 14, 2024 - 10-11:30am with Samapago and Creative Paving Solutions

**The Cool Pavement Sealcoating (and striping) will be taking place Sept 23-Oct 2.** If you have any questions for Creative Paving, or if you would like to have matching sealcoating applied to your driveway while Creative Paving Solutions is on site, you may contact them directly: Beau Gilles [beau@creativepaving.com](mailto:beau@creativepaving.com) 213-259-7636

**FAQs** - <https://www.topotopanga.org/sealcoating-faqs> *Note – all maps and schedules are subject to change!*

### **Q: When will we be coating the streets?**

A: Sept 23-Oct 2. It will take a total of about 8 days. Visit the website to see when your street will be coated.

### **Q: How fast does it dry?**

A: In sunny areas it will be dry enough to walk on after about an hour. You can drive on it after 24 hours, so you need to find alternative parking just like we did for the street paving.

### **Q: How much will it cool off the streets?**

A: Studies have shown that GAF Durashield reduced surface temperature by 10°F – 18°F during the daytime on sunny days, compared to black asphalt.

### **Q: What is it made out of?**

A: GAF DuraShield Solar Gray is a two component waterborne epoxy-modified acrylic coating.

*Learn More (GAF Durashield Solar Gray Data Sheet):*

<https://documents.gaf.com/data-sheets/durashield-solar-gray-technical-data-sheet.pdf>

### **Q: Is it a lot more expensive than traditional sealcoating?**

A: It is a higher initial cost but it's comparable over a 20-year period - it does not have to be resealed as often (7-10 years instead of 3-5) and it also extends the life of the asphalt road.

### **Q: We just paved, why are we sealcoating so soon?**

A: Traditional asphalt emulsion sealcoating is applied months after paving to allow the oils in asphalt paving to dry out, which also means striping is done twice – once after paving and again after sealcoating. Acrylic sealcoating is a different technology – it's ideally applied in the first 1-60 days after paving to seal in the oils. This helps extend the life of the asphalt road. It also means we can stripe the road just once and won't have to stripe again for a long time! Also, Creative Paving will be using GAF Street-Bond® 150AL for striping which lasts up to 5 years (vs. 2-3 years for traditional striping paint.)

### **Q: Does GAF DuraShield or Street-Bond have unpleasant or dangerous fumes?**

A: No, they are both low odor and have low (VOC) volatile organic content/compounds.

### **Q: Will it be slippery?**

A: No, it will not be slippery for walking or driving. DuraShield has excellent friction properties and meets ASTM E-303 for slip resistance.

### **Q: If the coating is lighter and more reflective, will it create glare or show dirt?**

A: No, GAF DuraShield Solar Gray Pavement Coating has a Solar Reflectance of 34% (SR = .34). It's medium gray with high reflectance pigments. This keeps the color dark enough to better hide dirt & tire pick-up and reduce glare.

### **Q: What color will the coating be?**

A: DuraShield SR Gray Part A – SRI 0.37 – Natalie has a sample in the office you can see, or visit

<https://www.topotopanga.org/sealcoating-faqs> for photos!

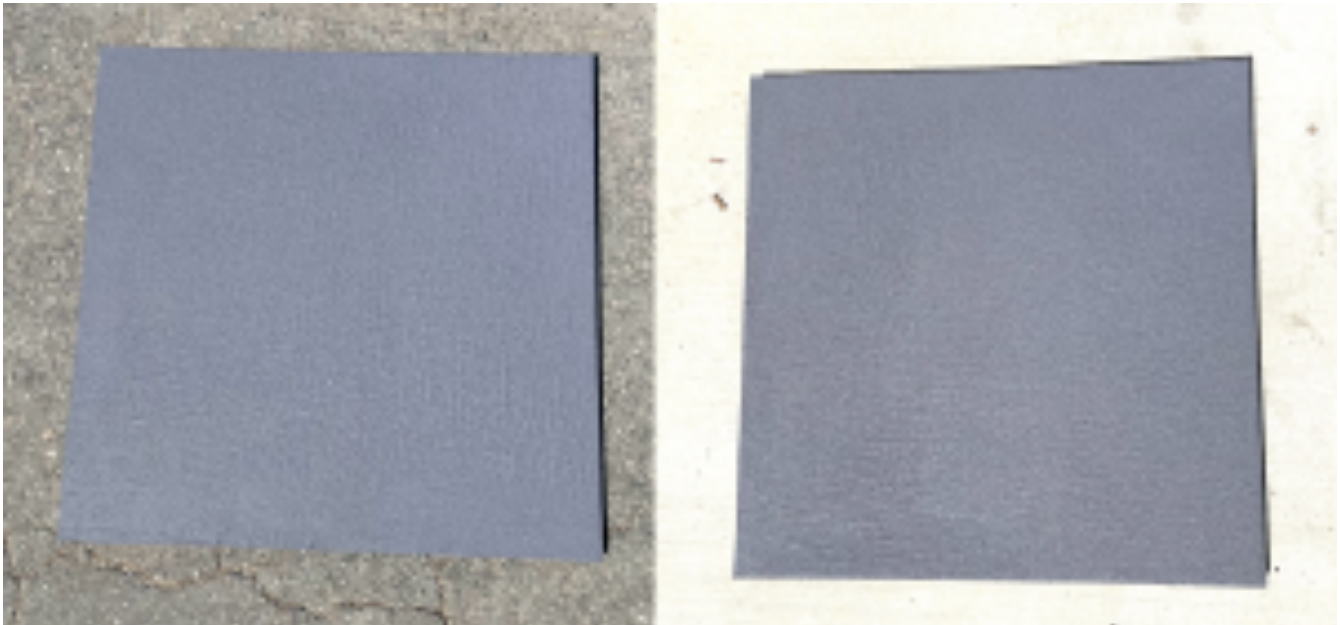
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**Q: Were there other colors to choose from?**

A: Yes, but they would cost about twice as much! GAF's other colors come in a 5 gallon can, and Creative Paving would have to use smaller specialized equipment/vehicles. GAF DuraShield SR Gray Part A comes in a 55-gallon drum, and they can use large equipment / vehicles to spray it, so it's most economical to use the default color.

**Q: What will this color actually look like on our streets?**

A: It's designed to be about as dark as aged asphalt, but it has a slight bluish tint. The image to the left is a sample piece resting on aged asphalt, the image to the right is the same sample resting on concrete. You can see it's not white or purple, but it can appear bluish gray as shown, in direct sunlight. It will look different in the shade / at different times of day.



**Links**

- Smart Surfaces Coalition: Cool Roadways Partnership (CRP)  
<https://smartsurfacescoalition.org/cool-roadways-partnership>
- Creative Paving Solutions  
<https://www.creativepaving.com/solarreflective> | <https://www.creativepaving.com/our-products>
- GAF – Community – Cooling Urban Heat Islands  
<https://www.gaf.com/en-us/about-us/community/cooling-urban-heat-islands>

**Studies**

- Peer-reviewed Study on GAF and Climate Resolve Initiative Demonstrates Effectiveness of Cool Pavement Coatings in Mitigating Extreme Heat (April 11, 2024) <https://www.gaf.com/en-us/about-us/news-press-releases/2024/peer-reviewed-study-demonstrates-effectiveness-of-cool-pavement-coatings>
- Evaluating the Urban Heat Mitigation Potential of the San Antonio Cool Pavement Pilot Program – Final Report – Submitted to the City of San Antonio Office of Sustainability (February 8, 2024)  
<https://www.sa.gov/files/assets/main/v/2/sustainability/documents/shared/pavement-report.pdf>
- Cool Pavement Pilot Program – Joint Study between the City of Phoenix and Arizona State University (September 2021) [https://sustainability-innovation.asu.edu/sustainabilitysolutions/wp-content/uploads/sites/15/2021/09/COPE-Report\\_FULLFINAL.pdf](https://sustainability-innovation.asu.edu/sustainabilitysolutions/wp-content/uploads/sites/15/2021/09/COPE-Report_FULLFINAL.pdf)