



# **PRODUCT BULLETIN**

## **STAR SPECTRUM**

**AN ENVIRONMENTALLY FRIENDLY SEALCOATING SYSTEM**

**NO COAL TAR, NO ASPHALT, NO PAHs.**

**BASED ON HIGH PERFORMANCE POLYMERS AND SPECIALTY CHEMICALS.**

### **GENERAL DESCRIPTION**

STAR SPECTRUM is an acrylic polymers-based sealcoating that belongs to a new generation of specialty coatings that are totally free of refined coal or asphalt binders. STAR SPECTRUM is totally free of PAHs (polycyclic hydrocarbons). STAR SPECTRUM cures to a beautiful vibrant color will last a long time, In addition to acrylic polymers, STAR SPECTRUM is made with a select group of pigments, fillers and surface active compounds. It is easy to apply and store. Its durability will match to that of any premium grade sealer.

### **OUTSTANDING PROPERTIES**

- Non-hazardous in application and storage. No health hazards have been reported.
- Longevity, toughness and flexibility.
- Fast drying
- Uniform color that will last a long time.
- Built-in water repelling properties of cured sealcoatings.
- Resistant to oil, gas, salt and petro-chemicals.

### **RECOMMENDED USES**

STAR SPECTRUM is recommended for all asphalt pavements; Airports, bikeways, commercial parking lots, office complexes, schools, play areas, home driveways, restaurants, gas stations and many more. Works well on concrete too!

### **COVERAGE RATE**

0.08-0.10 gallon/sq. yard (90 -110 sq. ft/gallon).  
No. of coats. – Only one

### **DILUTION RATE**

Normal Ambient Conditions- 5% based on the amount of STAR SPECTRUM.  
Under hot ambient conditions- Max. 10% on the amount of STAR SPECTRUM.

### **MIX DESIGN**

Important- All mix designs must include sand @ 3-4 lbs. gallon of STAR SPECTRUM.

STAR SPECTRUM	- 100 GALS
Water	- 5 Gal.
Sand 50-70 AFS	- 350 lbs.

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### MIXING TIPS

- Add water to the STAR SPECTRUM and start agitation.
- With agitation on, add the required amount of sand, at a steady rate of about 100-lb. bag/ minute.

### WEATHER/AMBIENT CONDITIONS

**Temperature:** 50° F and rising with no forecast of precipitation in next 8 hrs.  
**Relative humidity:** Less than 60% is preferred. Max. 80%. Do not apply on rainy, foggy or extremely humid days.  
**Favorable conditions:** Higher temperatures and lower Relative Humidity with mild wind velocity.

### APPLICATION

Application Tools; Spray or Brush (rubber squeegee only on smooth surfaces).  
Clean up- Water. Do not discard washings in the bodies of water.  
Dried Sealer tools- Wire brushing, scarping and peeling.

### CAUTION

- KEEP OUT OF REACH OF CHILDREN
- Read Material Safety Data Sheet prior to use for details on safety, handling, disposal, etc.
- Mix thoroughly before using and keep unused material properly sealed in container.

### PACKAGING & AVAILABILITY

5-Gallon plastic pails, 55-gallon drums & 275-gallon plastic totes and bulk.

### WARRANTY & DISCLAIMER

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. S.T.A.R., INC. will not be responsible for any indirect or consequential damages. We will either replace or refund the purchase price in the event the products are proved to be defective, at our option.



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