



Another Brilliant  
STAR INNOVATION

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## **WHY INNOVATIVE?**

**A new Generation of Sealcoatings.**

**NOT Based on Refined Coal Tar.**

**NOT Based on Asphalt.**

***BASED ON A NEW LP (Low PAHs) RESIN.***





- Based on a Specialty Low PAHs, Petroleum Resin based Sealer, formulated with select grades of minerals, specialty chemicals and additives.
- Meets all applicable specifications; ASTM, FAA, etc.
- Used in most regions where RTS are banned.





- **Outstanding Performance** matched only by Refined Tar Sealers (RTS).
- **Significantly Better** in Performance Than Asphalt Emulsion Sealers (AE), in Resistance to Fuel, Salts and Petrochemicals.
- **Practically No odor and Burning.**
- **Easy To Use**-Similar to RTS and AE.
- **Dries Fast to an Attractive Dark Charcoal Black Color.**
- **Will Expand Your Season in Spring & Fall.**





## Contractor and Customer Appreciation

- **STAR TRITON** was introduced in 2015.
- To date, approximately 30% of the sealer sales is replaced by **STAR TRITON**.
- Contractors and customers are moving from RT based sealers over to **STAR TRITON** because of no burning while applying, very low odor and fast drying without compromising on performance.
- **STAR TRITON** is being used in areas where RTS is banned.





### Physical Properties and Constants According to ASTM D5727-00

PROPERTIES & CONSTANTS	TEST METHOD	SPECIFIED LIMITS	STAR-TRITON	STATUS
Solids, % By Weight	ASTM D5727-00	Min. 47-53%	50% (+/-) 1	Passes
Ash % NVM (Solids) By Weight	ASTM D5727-00	30-40%	37% (+/-) 1	Passes
Specific Gravity 25/25° C		Min. 1.2	1.22 - 1.24	Passes
Drying Time, Hrs.		Max. 8 Hrs.	Approx. 4 Hrs.	Passes
Appearance, Wet			Brown/Semi Liquid	
Appearance, Upon Drying			Dark Slate Black	



## Comparison between STAR SEAL and TRITON

	<b>STAR-SEAL</b>	<b>TRITON</b>
Sealer Type	Refined Tar based	Specialty resin based
Water based Emulsion	Yes	Yes
Odor	Yes-Coal Tar type	Faint-non characteristic
Skin Irritation	Yes-more with light skin	Insignificant
Specifications, meets ASTM D-5727-00	Yes	yes
Specifications, meets: FAA P-630, P-631	Yes	Yes-In performance
Fuel Resistance	Yes	Yes
Resistance to salt, petrochemicals, etc.	Yes	Yes
Application rates , liter/sq. meter	0.8-0.9	0.8-0.9
Mix design guidelines	Similar	Similar
Water Dilution -% by volume on sealer	25-30	<b>35-40</b>
Longevity-Scrub resistance	Identical	Identical
Color Fade Resistance	Excellent	Excellent
Recoat intervals on commercial jobs- yrs.	2-3	2-3





## **A TYPICAL MIX DESIGN**

	<b>US Units</b>	<b>Metric</b>
<b>STAR TRITON</b>	<b>100 Gals.</b>	<b>100 liters</b>
<b>Water (35-40% dilution)</b>	<b>35-40 Gals.</b>	<b>35-40 liters</b>
<b>Sand*, 50-57AFS (3-5 lbs./gal)</b>	<b>200-300 lb.</b>	<b>36-60 kg.</b>
<b>Additives (1-2% by volume)</b>	<b>Optional</b>	<b>Optional</b>

- *Black beauty may be used, with 50-70 AFS.*
- Additives may be considered for early spring, late fall or for night time sealing.*





## ***Application Rates***

- 1. Low to medium Traffic: Two (2) Coats @  
Conc. Sealer 0.18-02.0 gal./sq. yard  
Mixture per Mix Design @ 0.27-0.30 gal/sq. yard.***
  
- 2. High Traffic Areas- Three (3) Coats  
conc. Sealer @ 0.25-0.28 gal/sq. yard.  
Mixture per Mix Design @ 0.38-0.42 gal/sq. yard.***





### **APPLICATION TOOLS**

Use conventional tools; Brush, rubber squeegee or spray rig.

### **CURING TIME**

Cure time will vary according to temperature and humidity at the time of application. If a second coat is to be applied, allow the first coat to dry sufficiently to withstand light vehicular and pedestrian traffic without damaging or scuffing the coating. After the application of the last coat, allow the coating to cure at least 20-24 hours under good drying conditions.

### **SPECIAL INSTRUCTIONS**

Apply only on unsealed asphalt or surfaces previously sealed with either Asphalt Emulsion or Refined Tar based sealers. Not to be used on surfaces previously sealcoated with Gilsonite.





For additional information,  
visit our website [www.starseal.com](http://www.starseal.com)  
or call 800.759.1912

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