



# PRODUCT BULLETIN

## STAR MACRO-FLEX®

Polymeric Latex Additive for Refined Tar Sealer

### MEETS FAA-P-627, P-628 & P-631 SPECIFICATIONS

STAR MACRO-FLEX® reinforces and adds substantial benefits to Refined Tar Sealers;

- Faster Drying Time,
- Longer Lasting, Increased Toughness & Flexibility,
- Uniform charcoal black color upon drying,
- Capacity to suspend higher amounts of aggregate (sand, etc.) in the sealer mix design,
- Improved Gasoline, Oil and Chemical Resistance.

### RECOMMENDED USES

- On all asphalt surfaces, subject to moderate to heavy traffic and or frequent abuse by harsh chemicals, gasoline, oil, grease, etc...
- Airports, Runways & Taxiways
- Commercial and Industrial Parking Lots
- Fast-Food Restaurants
- Gas Stations
- Recreational Areas
- Residential Driveways

### PROPERTIES & SPECIFICATIONS

Solid, % by Weight	40.00
Polymer Type	Acrylonitrile/butadiene
Acrylonitrile/Butadiene, ratio	30-49 / 51-70
Weight/Gallon	8.25 Lbs.

### SUGGESTED FORMULATIONS

Type	SEALER ASTM 5727-00 Type	Water	Sand	STAR MACRO-FLEX®	Coverage Gal/Sq. Yd.
	gallons	Gallons	Pounds	Gallons	
Finish Coat (No sand)	100	40-50	0	2	0.10-0.15
Filler Coat (with sand)	100	40-50	500	3	0.20-0.30
Sand Slurry Coat	100	50.6	800	4	0.25-0.30

Based on total gallons of the mixture of sealer, water, aggregate and STAR MACRO-FLEX®.

**Level Of Addition-** STAR MACRO-FLEX® should be added at 2-5% based on the amount of STAR SEAL®. Following is an example of a 40% diluted mixture of STAR SEAL® WITH 4 lb./gallon of sand.

#### **MIXING PROCEDURE**

1. Add the recommended amount of clean potable water to the undiluted STAR SEAL® and begin agitation.
2. Premix STAR MACRO-FLEX® with an equal volume of water. Caution-Water must be added into to STAR MACRO-FLEX®, not vice-versa.
3. While mixer running, add the STAR MACRO-FLEX®/water mixture to the diluted STAR SEAL® Continue mixing.
4. Slowly add (One 100 lb. bag/minute) the required amount of sand/aggregate into the mix.
5. Mix for an additional 10 minutes. Keep the agitation on throughout the application.

#### **PRECAUTIONS**

Keep from freezing.  
Observe all safety precautions.  
Consult Material Safety Data sheet for details.

#### **PACKAGING**

5 gallon plastic pails, 55 gallon fiber drums.

#### **SHIPPING POINT**

**KEEP OUT OF REACH OF CHILDREN.**

**Columbus, OH and all STAR Plants**

WARRANTY AND 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. will not be responsible for any indirect or consequential damages. We will either replace or refund the purchase price in the event products are proved to be defective at our option.

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