



PRODUCT BULLETIN

STAR ADVANTAGE- 4

4 in 1 ADDITIVE

FOR ALL SEALCOATINGS, BASED ON ASPHALT & COAL TAR.

Fast Drying, Performance-Boosting, Thickening & Sealer Blackening Additive

GENERAL DESCRIPTION

STAR Advantage 4 is a high potency, polymer-based additive that packs the benefits of several types of additives into one additive. Based on 100% acrylic polymers, fast evaporating chemicals, thickening agents and surfactants, color enhancers and water repellents; STAR Advantage 4 improves the overall performance, durability and appearance of the sealcoating.

OUTSTANDING PROPERTIES

- Improves the overall performance of sealcoatings.
- Reduces drying time
- Thickens diluted sealer resulting in excellent and uniform sand suspension.
- Built-in water repelling properties of cured sealcoatings.
- Improves color - Sealcoatings dry to a uniform black color, under sun or shade.
- Improves tensile strength, flexibility and adhesion.
- Improves fuel and chemical resistance.
- Polymer emulsion (water) based. Safe to use, store. Water clean up.
- Recommended for both refined coal tar and asphalt emulsion based sealcoatings
- No health hazards reported.

RECOMMENDED USES

STAR Advantage 4 is recommended for all applications where a top quality sealcoating is a must. It is especially suited for improving the overall performance of sealcoatings.

Fast Food Restaurants
Service Plazas

Gas Stations and many more.

Apartment Buildings
Office Complexes

LEVEL OF ADDITION

1-2% by volume on the gallons of concentrated sealer in the mix.
Add **Advantage 4** directly to the sealer (with agitation). It is not necessary to pre-dilute.

Please note:

- **STAR Advantage 4** will make the sealer dry faster.
- Do not add more sand than 5 lb. /gallon of the concentrated sealer. Higher amounts of sand reduce the flexibility and adhesion of the cured sealer.
- Excessive amounts of water (i.e. over 50%) will cut down the dry sealer film thickness, which in turn will result into pre-mature failure.

Mixing Tips:

- Add water to the sealer and start agitation.
- With agitation on, add the required amount of **STAR Advantage 4**. Mix for 5 minutes. Keep agitation on.
- Add the sand at a steady rate of about 100-lb. bag/ minute.
- Continue to mix to a smooth consistency. Adjust the speed of mixer to turn the sealer mix sufficiently inside the tank without beating air into the mix. You may have to raise the speed during sand addition and reduce towards the end of the mix cycle.

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.

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, at all STAR plant locations.

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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World Wide Headquarters

1150 Milepost Drive, Columbus, OH 43228
 Tel. 614-870-0744, 800-759-1912, Fax 614-870-0598
www.starseal.com