

S-250 Pavement Sealer Concentrate

DESCRIPTION:

AMGUARD® S-250 is a premium refined concentrated coal tar emulsion sealer, designed for application to asphalt pavement surfaces. AMGUARD® S-250 extends the service life and enhances the appearance to provide a cost effective preventive maintenance coating.

FEATURES:

- Formulated specifically for commercial application
- Exhibits outstanding wear resistance
- Weatherproofs and seals porous asphalt surfaces, preventing damaging effects of water penetration
- Protects pavements from oxidation by forming a tough protective skin
- Manufactured in a regulated continuous process for consistent emulsion particle size and distribution
- Resists gasoline and oil penetration
- Colloid milled for superior wearability and consistency

DESCRIPTION:

Property	Max.	Min.
Water (%)	53	---
Non-Volatile (%)	---	47
Ash (%)	40	30
Solubility in CS ₂ (%)	---	20
Sp. Gr. @ 77°	1.29	1.20

SPECIFICATIONS:

Meets or exceeds requirements for:

ASTM D 5727

Emulsified Refined Coal-Tar (Mineral Colloid Type)
{replaces Federal Specification R-P-355e}

ASTM D 6945

Emulsified Refined Coal-Tar (Commercial Grade), Type I and Type II

ASTM D 3320

Emulsified Coal-Tar Pitch (Mineral Colloid Type)

FAA Engineering Brief No. 46

Item P-625 and No. 46A, Item P-627 - Coal Tar Pitch Emulsion Seal Coat

MIX DESIGNS:

AMGUARD® S-250 is a concentrate designed to be thoroughly blended with potable water, mineral aggregate and additives in proportions according to the mix designs described in the table below.

AMGUARD® S-250	Water	Graded Aggregate ¹	Latex ²
(GAL)	(GAL)	(LB)	(GAL)
100	30-35	200-300 ⁴	---
100	30-40	200-400 ⁴	1-3
100	35-45 ³	200-500 ⁴	3-5 ⁴

1. Mineral Aggregate - Introduction of clean, washed, well graded, medium to fine silica or boiler slag mineral aggregate is recommended to provide added traction to the cured coating, in addition to filling hairline voids in the asphalt. 40-70 mesh aggregate size is recommended.
2. Latex Additives - Field proven in mix designs for best performance with AMGUARD® S-250 should include the use of AMGUARD® Latex Admixture or AMGUARD® Rapid Set.
3. Mix designs containing in excess of 45 gal. water per 100 gal. S-250 are not recommended, as curing and wear can be affected.
4. Mix designs containing more than 500 lb. aggregate or more than 5 gal. latex per 100 gal. AMGUARD® S-250 is not recommended.

APPLICATION RATE:

0.12-0.20 Gal/Sq.Yd. (per coat)

Pavement Use	Application Rate gal/sq.yd.	Coats
Low Traffic	.12 - .15	2
Moderate Traffic	.15 - .20	2
High Traffic	.15 - .20	3

Fueling or truck maintenance areas may require an additional lightly sanded coat.



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SURFACE PREPARATION:

Pavement surface must be sound, free of debris, vegetation, dust, oils, grease and detergent residues. Accumulations of petroleum deposits, tree sap and dirt should be scraped clean and treated with AMGWARD® Oil Spot Primer. Narrow surface cracks should be filled with AMGWARD® Pourable Crack Filler, AMGWARD® Trowelable Crack Filler, or a suitable hot-applied joint sealant. Wide cracks, severely distressed, alligatored or deteriorated pavement surfaces should be repaired. New asphalt paving or repair patches should be allowed to cure a minimum of 90 days at temperatures of 60°F or above before seal coating begins.

APPLICATION:

AMGUARD® S-250 can be applied using spray or mechanical squeegee equipment capable of controlled, uniform distribution of material conforming to mix designs and application rates specified. Material can also be applied with brush or rubber squeegee applicator designed for these products.

AMGUARD® S-250 should be applied only when pavement and ambient temperatures are continuously above 50°F for at least 24 hours following application and no rain is forecast for that period. Allow adequate drying time between successive coats. Cooler temperatures (below 70°F) and/or damp or overcast conditions will lengthen curing times.

Notes: Sealcoating is not recommended for enclosed or permanently shaded parking areas such as underground parking garages.

LIMITED 1 YEAR PRODUCT WARRANTY FROM DATE OF MANUFACTURE: Bonsal American warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. Bonsal American will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by Bonsal American for its use, and Bonsal American shall not be liable otherwise. Replacement of any defective product, or, at Bonsal American option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and Bonsal American shall in no event be liable for any damages in excess of the purchase price of the defective product. BONSAL AMERICAN SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, OR SPECIAL DAMAGES. This Warranty constitutes the sole warranty given by Bonsal American in connection with this product, and Bonsal American has authorized no person to make or give any other warranties or representation, oral or written on its behalf. IN PARTICULAR, THERE ARE NO IMPLIED WARRANTIES, INCLUDING WITHOUT EXCEPTION WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No modification of this Warranty in favor of any buyer shall be valid unless given in writing and signed by an officer of Bonsal American.

PACKAGING:

Available in 55-gallon drums and tank truck up to 4,500 gallons.

SERVICE:

Timely service is available within 300 mile radius of our manufacturing facilities.

ATTENTION:

AMGUARD® S-250 should be protected from freezing.

CAUTION:

Contains coal tar, a skin irritant. Keep out of reach of children. Do not take internally. Avoid prolonged or repeated contact with skin or breathing of vapors. In case of contact with eyes, flush with plenty of water, and seek immediate medical attention. Use with adequate ventilation. Do not use in confined areas.

MANUFACTURING & CUSTOMER SERVICE:

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