



PRODUCT BULLETIN

STAR MICRO-PAVE

Heavy Duty Asphalt Emulsion Sealcoating

DESCRIPTION

STAR MICRO-PAVE is a heavy-duty sealcoating that is especially designed to protect and beautify asphalt pavements e.g. airports, commercial parking lots, home driveways, etc. Based on select grades of asphalt resins, minerals, specialty additives and performance boosters, STAR MICRO-PAVE provides maximum protection against;

- Weathering and traffic damage.
- Moisture and water penetration
- Freeze/ thaw cycle damage
- Surface raveling and checking

OUTSTANDING FEATURES

- **Outstanding Toughness:** STAR MICRO-PAVE is useful on shopping centers and malls where typical ring road traffic causes other sealcoatings to fail prematurely.
- **Superior Flexibility:** STAR MICRO-PAVE can be used to seal surfaces with small hairline cracks to eliminate water penetration.
- **Non-Irritating:** STAR MICRO-PAVE is non- toxic and nearly odorless. No noxious fumes during application. No burning sensation during application.
- **Water based:** No solvent fumes. Low V.O.C. product.

RECOMMENDED USES

STAR MICRO-PAVE is recommended for all asphalt surfaces that are in sound and stable condition. STAR MICRO-PAVE provides rich and uniform textured surfaces that are durable, skid resistant and easy to maintain.

Parking lots	Home driveways	Airports	Highway shoulders
Walkways	Gas stations	Play Areas	Shopping Malls
Streets- Low to Medium traffic.		And many more..	

STAR MICRO-PAVE may be used on new or old surfaces. It is specially suited for play areas where foot traffic may cause scuffing with conventional sealers.

COLOR

Black after full cure.

APPLICATION

1. Surface Preparation:

- a. Clean pavement of all dirt, dust and debris. Fill cracks with a hot pour crack filler or STAR STA-FLEX, STAR STA-FLEX SUPREME (cold pour crack fillers).
- b. Patch all broken and alligatored areas with either a hot mix or a cold patch material.
- c. Prime all oil spots with STAR S.O.S. Primer/ Sealer or STAR ONE STEP.

2. New Pavements:

New asphalt surface shall be sufficiently cured (approx. 90 days @ 70+ deg. F) to rid of the surface oils through oxidation. Perform water break test by spreading some water on the asphalt surface. If water does not bead and spreads evenly, it is ready for sealcoating.

3. Preparation of the material (Mix Designs):

STAR MICRO-PAVE is supplied in a concentrated form that has to be mixed with water, sand and additives (optional), according to the following general formula;

STAR MICRO-PAVE	- 100	Gals.
WATER	- 20	Gals., Max.
Sand/ Aggregates	- 300- 500	Lb.
Additive (STAR MICRO-LOCK)	- 2-3	Gals.

The material shall be mixed to a uniform consistency and kept agitated during application. The use of STAR MICRO-LOCK, a rubberizing additive, is recommended to further boost the overall performance of the sealcoating system. It impart additional durability, flexibility and toughness.

4. Method

Airless spray, mechanical squeegee, hand tools-brushes and squeegees. Apply the first coat with suitable equipment and allow to dry thoroughly before applying the second coat. The second coat should be spray applied to yield the correct coverage rate, thus the optimum performance.

5. Coverage Rates:

Low to medium traffic	- Two (2) coats,	0.25 gallon of the mix/ sq. yard.
High traffic	- Three (3) coats,	0.35 gallon of the mix/ sq. yard.

6. Weather/Ambient Conditions:

Temperature: Min. 50 F and forecasted for the next 48 hr.
Relative Humidity: Less than 60 are preferred, max. 80%.
Do not apply on rainy, foggy or extremely humid days.

7. Exclusions:

Do not use STAR MICRO-PAVE over chip seal or Gilsonite sealed surfaces.

To obtain the best performance results:

- Apply according to manufacturers detailed application specifications.
- STAR MICRO-PAVE is designed to be applied in two (2) coats for best results.
- Use 2% (by volume) of STAR MICRO-LOCK for all mix designs using sand/ aggregates to attain proper sand anchoring and stop sand roll outs.

8. Cautions

- * 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 container properly sealed.

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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