



# PRODUCT BULLETIN

## **STAR SURE-FLEX**

### **RUBBERIZED ASPHALT EMULSION PATCHING COMPOUND**

#### **DESCRIPTION**

STAR SURE-FLEX, RUBBERIZED ASPHALT EMULSION PATCHING COMPOUND, is a heavy bodied patching and repair product that was specially designed for repairing excessively cracked asphalt surfaces. Formulated with high polymers, reinforcing fibers, rubber, specialty chemicals and asphalt emulsion, STAR SURE-FLEX exhibits outstanding toughness and flexibility which translates into superior performance and longevity. It protects the pavements by stopping water and damaging chemicals from seeping into cracks. It is ideal for repairing cracks as well as surface imperfections (bird baths, depressions, etc.) in ASPHALT pavements.

#### **OUTSTANDING FEATURES**

- Tough, Flexible and Durable, it is rubberized with polymers and reinforced with specialty chemicals and minerals.
- Cold-Pour and Ready to use. Being asphalt emulsion based, STAR SURE-FLEX does not require any pre-heating and is ready to use straight from the container without extensive mixing.
- Compatible with both coal tar and asphalt emulsion based sealers.
- Safe to apply and water clean up. Will not burn. Tools can be easily cleaned with water.

#### **RECOMMENDED USES**

STAR SURE-FLEX is recommended for repairing badly alligatored asphalt surfaces that would be too extensive for crack filling. Some of the typical uses are for play areas, tennis courts, running tracks, driveways, walkways, etc.

#### **COVERAGE**

Bird baths and other surface depressions shall require approximately one gallon for 13 sq. feet area with 1/8" depression. 75 - 80 linear feet per gallon for cracks with 1/2" x 1/2" cross section. Coverage rates will vary with varying widths and depths of cracks.

#### **DILUTION**

None required. For finer cracks the viscosity can be slightly reduced by adding small quantity (max. 5% by volume) of clean potable water.

#### **APPLICATION**

1. Clean dust and dirt and backfill the cracks with sand or backer rods if deeper than 1'. Do not back fill cracks less than 1/2" deep. Bird baths and other imperfect surfaces shall be primed for good adhesion with STAR ONE STEP, if they appear oxidized and excessively gray. Asphalt emulsion (SS-1 -H), pre-mixed with 5 volumes of water can be used alternatively for tack coat.

2. Stir the contents in the container to re-disperse any minor separation of the material. Apply with a suitable tool. Trowel, flexible rubber squeegee (24 - 30" width, 50 Shore durometer hardness rubber) etc. can be used. Areas to be repaired (cracks and depressions) shall not have any free standing water, though can be damp.

3. Allow to cure before seal coating and / or opening to traffic. The cure time will vary according to weather conditions. Under ideal conditions (80 deg. F. and 50% Relative Humidity), the crack filler will cure within 4 hours to be suitable for seal coating.

## PRECAUTIONS

- Do not apply if rain is imminent within 8 hours.
  - Wash tools immediately with water. Use paint thinner to clean the tools if the material has dried and hardened.
  - Do not apply if ambient and or surface temperatures are below 50 deg. F.
  - Keep from freezing.
  - Do not store in direct sunlight or temps. exceeding 100 deg. F.
- Keep the containers tightly closed when not in use.
- **KEEP OUT OF REACH OF CHILDREN.**
  - Read Material Safety Data Sheet prior to product handling.

## PACKAGING

5-gal. plastic pails and 55-gallon metal drums.

## SHIPPING POINT

Columbus, Ohio and S.T.A.R. plant locations throughout the continental U.S.A.

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