

STAR® SPECTRA-PRIME

GENERAL DESCRIPTION

STAR® SPECTRA PRIME™ is a specialty water based clear primer which is based on 100% acrylic polymers, and special bonding agents which shall be used to assure the adhesion of STAR® SPECTRUM™ to concrete, old-oxidized asphalt and asphalt surfaces with polished aggregates. STAR® SPECTRA PRIME™ creates a bonding surfaces on tough to adhere substrates therefore, eliminating the failure of STAR® SPECTRUM™ especially in higher traffic areas.

OUTSTANDING PROPERTIES

STAR® SPECTRA PRIME™

- Is used as a specialty primer in conjunction with STAR® SPECTRUM™ in a single coat application
 - Concrete surfaces.
 - Old-oxidized asphalt surfaces
 - Asphalt surfaces with significant degree of aggregate polishing.
- Dries 30-45 minutes under good drying conditions.
- Is water based, safe to store and handle, with the ease of water clean up.
- Is easy to apply with any conventional application tool; brush, roller or spray.

RECOMMENDED USES

STAR® SPECTRA PRIME™ is a specialty primer which must be for all concrete surfaces. It is also recommended on asphalt where priming becomes essential, e.g. old-oxidized surfaces or surfaces with a considerable degree of aggregate polishing.

SPECIFICATIONS & DATA

Physical State- In wet state it is a milky liquid with water like consistency, which dries to a clear coating.

Ready to use as supplied. May be diluted with clean potable water for pavements exceeding the surface temperature of 110 ° F (43 ° C). No settling or separation, however, it is always a good practice to shake or stir the contents in the container, prior to using.

METHOD OF APPLICATION

Brush, roller or spray. Clean up the tools with Water. Do not discard washings in the bodies of water or down sewer drains.

COVERAGE RATE

The total coverage rate is 175-200 Sq. Ft./Gal. (4.3-4.9 Sq. Meter/Liter).

SURFACE PREPARATION & APPLICATION

Prior to the application of STAR® SPECTRA PRIME™:

1. Concrete Surfaces:
 - a. New concrete must be allowed to cure sufficiently according to the installer's specifications.
 - b. New concrete and smooth trowel finished concrete surfaces shall be invariably be etched with



- muriatic acid, thoroughly washed and be dry, prior to application.
- c. Old concrete must be power washed and all oil and grease spots thoroughly removed by washing with a detergent, drying, prior to application.
2. Asphalt surfaces:
- a. Old, Oxidized surfaces shall be thoroughly cleaned by booming, wire brushing and/or power washing.
 - b. With lots of polished aggregates, especially, at exists, entrances, and traffic lanes shall be primed.
3. General:
- a. **STAR® SPECTRA PRIME™** is supplied ready-to-use. A max. of 5% by volume can be added under pavements temperatures exceeding 110 ° F. (43 ° C).
 - b. Do not add aggregates (sand, etc.). The product will not suspend them.
 - c. Apply on the surface to be primed using a suitable application method. Do not apply if rain is imminent within 8 hours or the ambient and surface temperature is below 50° F/ 10°C. Drying time is retarded by high humidity and/or lower temperature.
 - d. Do not apply over Gilsonite based sealers or rejuvenators.

DRYING and CURING

One (1) hour for subsequent seal coating. Cure time will vary according to temperature and humidity at the time of application. Lower temperatures, high humidity and lack of direct sunlight will prolong the cure time. Conversely, higher temperatures, lower humidity and direct sunlight accelerate the cure process

PRECAUTIONS

- Prior to using, read the Safety Data Sheet for details, prior to using.
- KEEP OUT OF REACH OF CHILDREN
- KEEP FROM FREEZING
- Partially opened containers shall be sealed tightly and stored in a warehouse maintained at min. 40 ° F (5 °C).

PACKAGING

5 - gallon plastic pails, 55 - gallon fiber drums and 250 gallon plastic totes.

SHIPPING POINT

Columbus, OH and STAR Plants located throughout the continental USA and abroad.

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. STAR 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.

IN CASE OF EMERGENCY

Call Chem-Tel at +1-800-255-3924

H.M.I.S. - Health = 1, Fire = 0, Reactivity = 0, Personal Protection = E

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