

TK-5750 TRI-SHEEN ULTRA STAIN

PREMIUM WOOD & CONCRETE STAIN

Meets Federal EPA's VOC Requirements

Technical Data



Division of Sierra Corporation
ISO 9001:2008 Certified

1. PRODUCT NAME

TRI-SHEEN ULTRA STAIN
TK-5750

2. MANUFACTURER

TK PRODUCTS
DIVISION OF SIERRA CORPORATION
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952-938-7223
952-938-8084 (FAX)
E-mail: tksales@tkproduct.com
Website: <http://www.tkproduct.com>

3. PRODUCT DESCRIPTION

TRI-SHEEN ULTRA STAIN is a low viscosity opaque stain designed for use on both wood and concrete. TRI-SHEEN ULTRA STAIN incorporates the latest acrylic technologies to address common problems such as tannic acid bleed and grain cracking from wood and efflorescence bloom associated with concrete. The incorporation of 100% acrylic resins and inorganic pigments allows superior adhesion and long-term color retention to be easily obtained. TRI-SHEEN ULTRA STAIN forms a breathable film that allows trapped moisture vapor to safely migrate through the coating without blistering or peeling.

APPLICATIONS INCLUDE:

TRI-SHEEN ULTRA STAIN can be used on the following substrates...

- A. Wood
- B. Plywood
- C. Pressed Board
- D. Any Wood-Type Surface
- E. Concrete
- F. Pre-cast Panels
- G. Stucco
- H. Brick
- I. Block
- J. Stone
- K. Any Cementitious Substrate

TYPICAL PROPERTIES:

TRI-SHEEN ULTRA STAIN can be characterized by the following properties...

- For use on wood and concrete
- Excellent penetration & adhesion

- Long-term color retention
- Reduces efflorescent staining
- Superior grain crack resistance
- Holds back tannic acid bleed
- VOC compliant
- Low odor
- Non-flammable
- Acceptable for indoor use
- For vertical surfaces only

LIMITATIONS:

Not for use on horizontal surfaces. Do not apply to frozen and/or frost covered surfaces. Apply only when ambient air temperatures of 40° F can be maintained for a period of 48 hours after application. A moisture test is recommended before applying this product. Do not apply if the moisture content of the substrate is higher than 17%.

4. TECHNICAL DATA

TRI-SHEEN ULTRA STAIN utilizes the latest in resin technology and is comprised of 100% acrylic resins for superior adhesion. Only inorganic pigments are used, which insures long-term color retention.

- **Gloss:** 5 @ 60°
- **Thinning:** none, supplied ready to use
- **Dry Film Thickness:** 2.0 - 2.5 mils
- **Dry Time:**
 - To Touch: 30 - 45 minutes at 70°F. 50% RH
 - To Recoat: 2 hours
 - Full Cure: 24 - 48 hours

- **A.I.M. Category:** Exterior Flat Coating, VOC content less than 100 g/l

- **A.I.M. Definition:** An architectural coating formulated and recommended for use in conditions exposed to the weather which is not defined under any other definition and registers a gloss of less than 15 degree on an 85-degree meter and less than 5 on a 60-degree meter.

5. APPLICATION PROCEDURES AND INSTRUCTIONS

SURFACE PREPARATION:

The surface to be coated should be dry and free from any foreign substances such as dirt, wax, oil, curing compounds, dust and efflorescence. Prepare the surface by power washing, sand blasting or hand cleaning; make certain that the surface is free from any non-compatible matter. Ambient and substrate temperature should be at least 40°F at the time of application and throughout the curing time of the coating.

Before using this product, read the Material Safety Data Sheet for complete safety information. Material Safety Data Sheets are available from TK distributors, the TK Office, or the TK Website.

APPLICATION:

Application may be by brush, roller or spray. If airless spray is to be used, a tip size of .015 - .021 is recommended. Apply in a uniform and professional manner; maintaining a wet edge to avoid lap marks and use natural break points to avoid overlapping.

COVERAGE RATE

Due to various substrates and porosities, square footage rates can vary considerably. Generally on wood, an average of 200 square feet per gallon can be expected. On concrete surfaces, a rate of 200 to 300 square feet per gallon is average expectancy. Typically, a single light coat is all that is required; however if porous substrates are encountered, a second coat may also be required.

Do not apply this product in a heavy, paint-like manner. Do not apply as to cause puddling or mudcracking. It is recommended that a 150 square foot test area be performed to assure visual and mechanical approval prior to continuation of the project. Check for color acceptance and adhesion.

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CLEAN UP

Clean tools, spray equipment and spills before material dries with soap and water.

FIRST AID

Ingestion: Do not induce vomiting. GET MEDICAL HELP. *Inhalation:* Remove person to fresh air, give artificial respiration if not breathing. GET MEDICAL HELP. *Eye and Skin Contact:* Wash with large quantities of clean water for 15 minutes. Use with adequate ventilation.

PRECAUTIONS

To insure maximum effectiveness, keep containers tightly sealed when not in use. Protect from freezing. All safety precautions must be adhered to at all times. Wear protective goggles, gloves and respirators. Dispose of any unused material or spills in accordance with all local, state, and federal regulations.

6. AVAILABILITY

TRI-SHEEN ULTRA STAIN is available through TK distributors. Contact TK Products for the nearest distributor. Packaged in 250-gallon totes, 55-gallon drums and 5-gallon pails.

Custom colors are available upon request. A two-week lead-time is required for custom color orders to be fulfilled. Please submit color standards for pricing.

7. CONDITIONS OF SALE/ LIMITED WARRANTY

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8. TECHNICAL SERVICES

The TK office offers assistance with specifications, performance test data and field services.

9. FILING SYSTEMS

Information Handling Services
PO Box 1213
Englewood, CO 80150
Information Marketing Services
13271 Northend
Oak Park, MI 48237

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