



PRODUCTS

Division of Sierra Corporation

# TRI-SHEEN PIGMENTED STAIN

Meets Federal EPA's VOC Requirements

## Technical Data



PRODUCTS

3

TRI-SHEEN PIGMENTED STAIN

Pigmented Stain

TRI-SHEEN PIGMENTED STAIN

Pigmented Stain

PRODUCTS

3



### 1. PRODUCT NAME:

TRI-SHEEN PIGMENTED STAIN  
TK-5272

### 2. MANUFACTURER

TK PRODUCTS, DIVISION  
OF SIERRA CORPORATION  
11400 West 47th Street  
Minnetonka, MN 55343  
952-938-7223  
952-938-8084 (FAX)  
E-mail: tkproduct@AOL.com  
Website: http://www.tkproduct.com

### 3. PRODUCT DESCRIPTION:

TRI-SHEEN PIGMENTED STAIN is a low viscosity semi-opaque acrylic emulsion designed especially for cementitious type surfaces. With the use of 100% acrylic resins and inorganic pigments, color uniformity and retention are greatly extended. TRI-SHEEN PIGMENTED STAIN forms a breathable film allowing trapped moisture vapor to safely migrate through the coating without blistering or peeling.

TRI-SHEEN PIGMENTED STAIN can be used on the following substrates: bush-hammered concrete, precast panels, poured in place vertical panels, stucco, brick, block, stone or any above-grade properly prepared cementitious surface. Due to the odor-free and V.O.C. compliant nature of TRI-SHEEN PIGMENTED STAIN, it may also be safely used for interior vertical surfaces.

All of the various substrates should be cured and properly prepared. See Section 5 for application procedures.

### 4. TECHNICAL DATA:

TRI-SHEEN PIGMENTED STAIN is a 100% acrylic resin suspended in an aqueous emulsion. To ensure long term color stability only inorganic oxide tinting pigments are used.

### Physical Properties:

- Nonvolatile Solids 40.41
  - Weight per Gallon 10.21
  - Viscosity 58 ± 2 KU
  - Initial Gloss 4% @ 60° Flat
  - Dry Film Thickness 1 to 1 1/2 mils per coat
  - Coverage 250-300 SFPG on Smooth Precast Concrete
  - Flash Point None
  - Reduction None, ready to use
  - Dry Time To Touch 30-45 Minutes
  - Recoat 2 Hours
  - Full Cure 24-48 Hours
  - Clean Up Immediately with warm soapy water
  - V.O.C. Compliant
  - V.O.C. Content 350 g/l
  - A.I.M. Category: Stains-Opaque
  - A.I.M. Definition: A coating that produces a dry film with minimal coloring. This includes lacquer stains.
- Related Definitions: Opaque: Not allowing light to pass through, so that the substrate is concealed from view.

### 5. APPLICATION PROCEDURES AND INSTRUCTIONS

Stir for 5 to 10 minutes using a low speed agitation mixer. When multiple containers are going to be used, blend together as needed to insure uniform color throughout the job.

Generally, only one coat is required. However, due to the various substrates and application procedures, two coats may be required. The finished appearance should be one of a uniform color without streaks or thin spots.

TRI-SHEEN PIGMENTED STAIN is to be applied as a stain, not as a heavy paint-like coating. All foreign matter; form oils, waxes, curing compounds, efflorescence, dirt, and previous coatings must be removed.

Suggested methods of surface preparation are: Power washing, using a minimum of 3000 PSI or greater. Sandblasting to open concrete only, not to the degree of exposing any aggregate. A simple field test to qualify the surface after preparation should be performed. Generally a surface that will readily accept TRI-SHEEN PIGMENTED STAIN will also absorb water at a rapid rate without resistance or show no water droplet appearance. The concrete should immediately turn dark.

A test area of 150 SF should be prepared; apply product to the prepared surface verifying the surface qualification, adhesion and for color approval.

Upon an acceptable sampling and approval from the project engineer, the project can at that time be completed.

TRI-SHEEN PIGMENTED STAIN can be applied using brush, roller or spray. If an airless sprayer it to be used, a tip size of .015 – .018 with a 40 degree to 60 degree fan should be used. If rolling, use care not to load any material on the surface. The rolled surface should result in a thin even coat.

Avoid application in direct sunlight or during extremely hot or windy conditions.

TRI-SHEEN PIGMENTED STAIN should only be applied to dry, sound, frost free surfaces. The air temperature should be consistently above 40°F. with no chance of frost, rain or fog for a period of 48 hours prior to and following application.

### 6. AVAILABILITY:

TRI-SHEEN PIGMENTED STAIN is packaged in 55 and 5 gallon containers. Custom colors are

available upon request. Please submit color standards for pricing. Contact TK Products for the nearest distributor.

#### **7. LIMITED WARRANTY**

TK Products, a division of The Sierra Corporation, warrants that its products conform to their label descriptions, are free from manufacturing defects, and are fit for the ordinary purposes for which such goods are used. Inasmuch as the use of its products by others and other factors affecting product performance are beyond TK Products' control, TK Products does not guarantee the results to be obtained. SHOULD ANY OF ITS PRODUCTS FAIL TO GIVE SATISFACTORY RESULTS, TK PRODUCTS WILL REPLACE THE PRODUCTS OR, AT ITS OPTION, REFUND THE PURCHASE PRICE. THIS IS THE SOLE AND EXCLUSIVE REMEDY FOR ANY FAILURE OF THE PRODUCTS OF TK PRODUCTS TO PERFORM AS WARRANTED AND SHALL ALSO CONSTITUTE LIQUIDATED DAMAGES IN CASE OF LOSS. UNDER NO CIRCUMSTANCES SHALL THE BUYER BE ENTITLED TO ANY OTHER REMEDY OR DAMAGES. REMEDIES FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED. TK Products does not authorize any person to assume for it any other liability in connection with the sale or use of its products unless specifically authorized by TK Products in writing. See also TK PRODUCTS DISCLAIMER section below.

#### **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

#### **TK DISCLAIMER:**

Every effort has been made to ensure the accuracy of the above information and to avoid infringement of any patent or copyright. The information is based on field tests by government and private agencies, as well as lab tests, and on technical data from raw material manufacturers. The person(s) specifying or requesting the use of these products is responsible for assuring their suitability for a specific use, as well as the proper application of the products. Where there is any question as to the suitability of a particular product, a small test patch is recommended. See also LIMITED WARRANTY (Section 7) above.

#### **FOR INDUSTRIAL USE ONLY**

3/00