

PRODUCT DATA SHEET

Sikalastic® TC 225 HT

(formerly MasterSeal® TC 225HT)

ALIPHATIC POLYURETHANE TOPCOAT FOR SIKALASTIC® TRAFFIC 1500 DECK COATING SYSTEMS

PRODUCT DESCRIPTION

Sikalastic® TC 225 HT is a moisture-curing polyurethane top coat for use in Sikalastic® Traffic 1500 deck coating systems.

The Sikalastic® TC 225 HT is a one-component waterproofing coating and is UV-resistant. The Sikalastic® TC 225 HT Tint Base product allows for a variety of colors in pedestrian applications.

CHARACTERISTICS / ADVANTAGES

- UV-resistant, one-component waterproofing coating
- Easy preparation reduces on-site labor costs
- 40 standard colors utilizing Sikaflex®-900 color packs (pedestrian use only) available with Sikalastic® TC 225 HT Tint Base

USES

- Stadiums
- Balconies
- Parking Garages
- Commercial Construction
- Building and Restoration
- Plywood Decks/Balconies
- Plaza Decks

PRODUCT INFORMATION

Chemical Base	Sikalastic® TC 225 HT is an aliphatic, moisture-curing polyurethane available in grey, charcoal, tan, dark tan, and tint base.
Packaging	<ul style="list-style-type: none"> ▪ 2.5 gallons (9.47 L) in 5-gallon pails Tint Base Only ▪ 5 gallons (18.93 L) in 5-gallon pails ▪ 55 gallon (208 L) drums Grey & Charcoal Only
Shelf Life	When properly stored, Sikalastic® TC 225 HT products have the following shelf life: <ul style="list-style-type: none"> ▪ 5-Gallon Pail: 1 Year ▪ 55-Gallon Drum: 9 Months
Storage Conditions	Store in unopened containers in a cool, clean, dry area
Color	Grey, Charcoal, Tan, Dark Tan, Tint Base

Solid content by mass	77%
Viscosity	2,000-4,000 cps *Cold temperatures will increase viscosity.

TECHNICAL INFORMATION

Shore A Hardness	89	(ASTM D 2240)
Tensile Strength	2,500 psi (17.2 MPa)	(ASTM D 412)
Elongation	502%	(ASTM D 412)

SYSTEM INFORMATION

Systems	<ul style="list-style-type: none"> ▪ Sikalastic® Vehicular 1500 ▪ Sikalastic® Pedestrian 1500
Cure Time	Sikalastic® TC 225 HT cures in 12–14 hours when tested at 73 °F (23 °C) and 50% relative humidity.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

APPLICATION INSTRUCTIONS

- Avoid whipping air into Tint Base.
- Mix pigment cans thoroughly into Tint Base.
- Always do a test area to ensure acceptable color appearance and slip resistance.
- Do not apply Sikalastic® TC 225 HT Tint Base heavier than the recommended 15–20 mil (0.38–0.51 mm) application.
- Colors exposed to direct sunlight may fade over a period of time. Darker colors potentially fade at an increased rate.
- Aggregate and substrate conditions may affect color and appearance.

SUBSTRATE PREPARATION

Please see the preferred Sikalastic® Deck Coating Solution for total system and aggregate surface preparation and application.

Sikalastic® TC 225 HT Tint Base is intended for pedestrian use only and is not suitable for vehicular traffic.

Sikalastic® TC 225 HT Tint base should be mixed with two (2) Sikaflex®-900 color packs per 5 gallons in order to achieve the desired color tint. When using short-filled pails of Sikalastic® TC 225 HT (only 2.5-gallon fill), only one (1) Sikaflex®-900 color pack should be used. When installing Sikalastic® TC 225 HT Tint Base, a second coat may be required for proper hiding.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA’s Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of

installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs.

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