

PRODUCT DATA SHEET

Sikalastic® TC 225 HT

(formerly MSeal TC 225HT)

ALIPHATIC POLYURETHANE TOPCOAT FOR SIKALASTIC® TRAFFIC 1500 DECK COATING SYSTEMS

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.

USES

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

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

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	<p>When properly stored, Sikalastic® TC 225 HT products have the following shelf life:</p> <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
Colour	Grey, Charcoal, Tan, Dark Tan, Tint Base
Solid content by weight	77%
Viscosity	<p>2,000-4,000 cps</p> <p>*Cold temperatures will increase viscosity.</p>

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
Curing 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

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

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 NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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