

MasterSeal[®] TC 235

Aliphatic Polyurethane Top Coat for MasterSeal Traffic 1500 Low VOC Deck Coating Systems

PACKAGING

- MasterSeal TC 235
- 5 gallons (18.93 L) in 5-gallon pail
- 2.5 gallons (9.47 L) in 5-gallon pail (tint base material only)

SHELF LIFE

When properly stored, MasterSeal TC 235 products have the following shelf life:

5-Gallon Pail: 1 Year

STORAGE

Store in unopened containers in a cool, clean, dry area

YIELD

See preferred MasterSeal Deck Coating Solution for total system yield.

COLORS

Grey
Charcoal
Tan
Dark Tan
Tint Base

DESCRIPTION

MasterSeal TC 235 is a low VOC, moisture-curing polyurethane top coat for use in MasterSeal Traffic 1500 Low VOC deck coating systems.

The TC 235 is a one-component waterproofing coating and is UV-resistant. The MasterSeal TC 235 Tint Base product allows for a variety of colors in pedestrian applications.

PRODUCT HIGHLIGHTS

- Short-filled pails of MasterSeal TC 235 Tint Base material allows for easy mixing with integrated, MasterSeal 945 aggregate
- MasterSeal TC 235 has low VOCs
- UV resistant, one-component waterproofing coating
- Easy preparation reduces on-site labor costs
- 40 standard colors utilizing MasterSeal 900 color packs (pedestrian use only) available with MasterSeal TC 235 Tint Base

INDUSTRIES/APPLICATIONS

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

APPLICABLE SYSTEMS

- MasterSeal Vehicular 1500 Pedestrian Low VOC
- MasterSeal Pedestrian 1500 Vehicular Low VOC

VOC CONTENT

MasterSeal TC 235 has the following g/L VOC contents less water and exempt solvents:

- MasterSeal TC 235: 95 g/L

Technical Data

Composition

MasterSeal TC 235 is a low VOC aliphatic, moisture-curing polyurethane available in grey, charcoal, tan, dark tan and tint base.

MasterSeal TC 235 cures in 12–14 hours when tested at 73 °F (23 °C) and 50% relative humidity.

HOW TO APPLY SURFACE PREPARATION | MIXING AND APPLICATION

Please see preferred Master Seal Deck Coating Solution for total system and aggregate surface preparation and application.

MasterSeal TC 235 Tint Base is intended for pedestrian use only and is not suitable for vehicular traffic.

MasterSeal TC 235 Tint base should be mixed with two (2) Master Builders Solutions MasterSeal 900 color packs per 5 gallons in order to achieve the desired color tint. When using short-filled pails of MasterSeal TC 235 (only 2.5-gallon fill), only one (1) MasterSeal 900 color pack should be used.

When installing MasterSeal TC 235 Tint Base, a second coat may be required for proper hiding.

FOR BEST PERFORMANCE:

TC 225 TINT BASE ONLY

- Avoid whipping air into Tint Base.
- Mix pigment cans thoroughly into Tint Base.
- Always do a test area to assure acceptable color appearance and slip resistance.
- Do not apply MasterSeal TC 235 Tint Base heavier than the recommended 25 mil (0.64 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.

PHYSICAL PROPERTIES

PROPERTY	TC 235 RESULTS	TEST METHOD
Tensile Strength, psi (MPa)	2,710 (18.7)	ASTM D 412
Elongation, %	555	ASTM D 412
Hardness, Shore A	89	ASTM D 2240
Solids, %	82	
Viscosity, cps*	2,000-8,000	

See preferred MasterSeal Deck Coating Solution for system-specific physical properties and test results.

*Cold temperatures will increase viscosity.

HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Material Safety Data Sheets and product label information for this product prior to use. The MSDS can be obtained by visiting www.master-builders-solutions.com/en-us, e-mailing your request to mbsbscst@mbcc-group.com or calling 1(800)433-9517. Use only as directed.

IN CASE OF EMERGENCY: Call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.

LIMITED WARRANTY NOTICE

Master Builders Solutions Construction Systems US, LLC (“Master Builders”) warrants this product to be free from manufacturing defects and to meet the technical properties on the current Technical Data Guide, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. MASTER BUILDERS MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this warranty, at the sole option of

Master Builders. Any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. MASTER BUILDERS WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on Master Builders’ present knowledge and experience. However, Master Builders assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. Master Builders reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified experts.

FOR PROFESSIONAL USE ONLY. NOT FOR SALE TO OR USE BY THE GENERAL PUBLIC.