

MasterSeal[®] TC 295

Aliphatic, Polyurethane Topcoat for MasterSeal Traffic 2000 / 2500 / 2530 / 2575 Deck Coating Systems

PACKAGING

Pigmented and Tint Base

- MasterSeal TC 295 Part A
1.75 gallons (6.62 L) in 6-gallon
(22.71 L) pail

- MasterSeal TC 295 Part B
3.5-gallon (13.25 L) pail

Clear

- MasterSeal TC 295 Clear Part A
1.33 gallons (5 L) in 3.5-gallon pail
2 gallons (7.6 L) in 6-gallon pail

- MasterSeal TC 295 Clear Part B
2 gallons (7.6 L) in 2-gallon pail
3 gallons (11.4 L) in 3-gallon pail

SHELF LIFE

Part A: 1 Year
Part B: 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
Tint Base (See MasterSeal Color Portfolio)
Clear

VOC CONTENT

98 g/L, less water and exempt solvents, when mixed as directed.

DESCRIPTION

MasterSeal TC 295 is an aliphatic, polyurethane top coat for use in MasterSeal Traffic 2000, 2500, 2530 and 2575 deck coating systems.

MasterSeal TC 295 is a two-component, waterproofing coating. This material is a high performing polyaspartic-modified polyurethane with high solids.

PRODUCT HIGHLIGHTS

- MasterSeal TC 295 Clear available in two packaging sizes for easier application in smaller areas such as balconies
- MasterSeal TC 295 products are UV-resistant
- When used within a MasterSeal Traffic or Pedestrian system, MasterSeal TC 295 exhibits high adhesion
- Available in grey, charcoal, tint base and clear for customization with a multitude of colors and 9 standard blends of flake and quartz
- MasterSeal TC 295 is a highly durable, low-odor and high solids top coat

APPLICABLE SYSTEMS

- MasterSeal Vehicular 2000
- MasterSeal Vehicular 2000 Low VOC
- MasterSeal Vehicular 2500
- MasterSeal Vehicular 2500 Primeless
- MasterSeal Vehicular 2530
- MasterSeal Vehicular 2530 Primerless
- MasterSeal Vehicular 2575
- MasterSeal Vehicular 2575 Primerless
- MasterSeal Pedestrian 2000
- MasterSeal Pedestrian 2000 Low VOC
- MasterSeal Pedestrian 2500
- MasterSeal Pedestrian 2500 Primeless

INDUSTRIES/APPLICATIONS

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

Technical Data

Composition

MasterSeal TC 295 is a polyaspartic-modified polyurethane with high solids available in grey, charcoal, tint base and clear.

MasterSeal TC 295 cures in 4–8 hours when tested at 73 °F (23 °C) and 50% relative humidity.

PHYSICAL PROPERTIES

PROPERTY	RESULTS	TEST METHOD
Tensile strength, psi (MPa)		ASTM D 412
MasterSeal TC 295 Grey/Charcoal	3,400	
MasterSeal TC 295 Tint Base	3,000	
MasterSeal TC 295 Clear	3,530	
Elongation, %		ASTM D 412
MasterSeal TC 295 Grey/Charcoal	340	
MasterSeal TC 295 Tint Base	390	
MasterSeal TC 295 Clear	135	
Hardness, Shore A		ASTM D 2240
MasterSeal TC 295 Grey/Charcoal	94	
MasterSeal TC 295 Tint Base	90	
MasterSeal TC 295 Clear	89	
Solids, %		
MasterSeal TC 295 Grey/Charcoal	91	
MasterSeal TC 295 Tint Base	91	
MasterSeal TC 295 Clear	91	

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

HOW TO APPLY

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

Exterior applications must utilize MasterSeal TC 295 at the specified coverage rate of 15-20 wet mils.

Where UV resistance is required, the application of MasterSeal TC 295 is recommended over MasterSeal TC 275.

HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS 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.

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