

MasterSeal® TC 275

Aromatic Polyurethane Topcoat for MasterSeal Traffic 2000, 2500 and 2575 Deck Coating Systems

PACKAGING

MasterSeal TC 275
– 4.78 gallon (18.1 L) unitized kit

SHELF LIFE

When properly stored, MasterSeal TC 275 has the following shelf life:

4.78-Gallon Kit: 1.25 Years

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
Black

DESCRIPTION

MasterSeal TC 275 is an aromatic, polyurethane top coat for use in MasterSeal Traffic 2000, 2500 and 2575 deck coating systems.

The TC 275 is a two-component, fast-curing waterproofing coating. This material has outstanding mechanical properties, including high tensile strength and excellent tear and abrasion resistance with high solids.

PRODUCT HIGHLIGHTS

- An economical, two-component waterproofing coating
- Durable intermediate coat with high strength
- Ideal for underground or interior applications
- Available in grey, charcoal and black
- MasterSeal TC 275 is a high solids top coat with low VOC
- Excellent chemical resistance helps protect against common parking deck chemicals

INDUSTRIES/APPLICATIONS

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

APPLICABLE SYSTEMS

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

VOC CONTENT

MasterSeal TC 275 components have the following g/L VOC contents less water and exempt solvents:

- MasterSeal TC 275 Part A: 71 g/L
- MasterSeal TC 275 Part B: 13 g/L

Technical Data

Composition

MasterSeal TC 275 is an aromatic polyurethane with high solids available in grey, charcoal and black.

MasterSeal TC 275 cures in 3–4 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 275 has very short working time (20 +/- 5 minutes). Once material has been mixed, the coating must be poured onto the surface and applied immediately.

Where UV resistance is required, the application of MasterSeal TC 295 is recommended over MasterSeal TC 275 as MasterSeal TC 275 will discolor if exposed to UV light.

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.

PHYSICAL PROPERTIES

PROPERTY	TC 275 RESULTS	TEST METHOD
Tensile Strength, psi (MPa)	3,000 (20.7)	ASTM D 412
Elongation, %	30	ASTM D 412
Hardness, Shore A	94	ASTM D 2240
Solids, %	96	
Viscosity, cps*	1,600	

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

*Cold temperatures will increase viscosity.

LIMITED WARRANTY NOTICE

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