



Sheet Number: 10.6

## Product Specifications

Miami-Dade Water & Sewer Department  
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## Standard Manhole Coating



## Minimum Standards

- ASTM G210
- ASTM D4227
- MDWASD Specifications: Sections 33 05 00 (02536)
- Modified Epoxy Coating

## Other Requirements

- NACE Certified Technician Available
- Manufacturer's Certified Applicator
- Underlayment shall be compatible with coating (manufacturer's complete system)
- No Calcium Aluminates allowed
- Coating required on existing manholes within 300 feet of wet well
- Coating required on existing manholes with force main discharge

## Applications

- Sewer Manholes

## PRE-APPROVED MANUFACTURER

- |                       |                              |
|-----------------------|------------------------------|
| 1) Tnemec             | 2) Polymorphic Polymers Corp |
| 3) BASF               | 4) SpayRoq                   |
| 5) Quadex             | 6) Mainstay                  |
| 7) GML Coating System | 8) Raven Lining System       |
| 9) Sherwin Williams   | 10) Sauereisen               |
| 11) Geotree           | 12) ConShield                |

## Issue Date:

9/9/2016

## Revised Date:

07/11/2024

## APPROVED PRODUCTS / MODELS

COATING MANUFACTURER	COATING SYSTEM	SUBMITTED
Tnemec	Perma-Glaze Series G435, with CPP, Ceramico or Mortorclad Series N218	<input type="checkbox"/>
Tnemec	CPP Sprayliner	<input type="checkbox"/>
Polymorphic Polymers Corp	PPC Coating System WW-200-1a/Damp Concrete	<input type="checkbox"/>
BASF	Sewer Guard HBS 100 Epoxy Liner by BASF with SP15 Spray Mortar	<input type="checkbox"/>
SprayRoq	SprayRoq, Spray Wall and SprayShield GT Coating	<input type="checkbox"/>
Quadex	Geokrete Gepolymer System	<input type="checkbox"/>
Mainstay	Mainstay DS-5 High Build Epoxy with Mainstay ML-72 Restoration Mortar	<input type="checkbox"/>
GML Coating System	Green Monster Epoxy with GML-30 and GML-60 Epoxy Cement	<input type="checkbox"/>
Raven Lining System	Raven 405 Epoxy with Raven 755 Epoxy	<input type="checkbox"/>
Sherwin Williams	DuraPlate 6100	<input type="checkbox"/>
Sauereisen	Sauereisen 210 Sewergard	<input type="checkbox"/>
Geotree	GeoSpray Geopolymer Mortar	<input type="checkbox"/>
ConShield Technologies Inc.	ConShield	<input type="checkbox"/>

**CHEMICAL SEAL FOR ACTIVE LEAKS:**

Drill through Manhole and seal outside void

Avanti	<input type="checkbox"/>
Deneef	<input type="checkbox"/>
Quadex Quad-plug	<input type="checkbox"/>

**COMMENTS:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Approved by:** MDWASD Departmental Standards, Specifications and Products Committee

**Revision History:**

11-29-2018 – Added Raven 405; Sherwin Williams DuraPlate 6100; Sauereisen 210 Sewergard

06-29-2020 – Added Geotree, GeoSpray Geopolymer Mortar

01-18-2021 – Removed PermaForm MS-10,000

06-13-2022 – Added ConShield

09-26-2022 – Added Epoxytec CPP Sprayliner

07-11-2024 – Tnemec purchased Epoxytec, Perma-Glaze Series G435 replaced Uroflex