

Corrosion Protection of New Manholes
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Problem: The fast-growing city of San Tan Valley, Arizona, built 57 new 48- and 60-inch manholes, averaging 10 feet deep. To meet the specified 50-year life span, the city required applying a corrosion-resistant polymer coating.

Solution: Manhole Coatings, a local contractor that has completed many lining projects in Arizona, was awarded the project. They decided to use NPR-5304, a high strength, corrosion-resistant sprayable epoxy manufactured by Neopoxy. This product has passed ASTM 1216, Los Angeles County Sanitation District, and Green Book tests. The MHC crew applied NPR-5304 epoxy at a thickness of 125 to 150 mils using plural component spray equipment.

Result: The project was completed successfully. The coating successfully passed the spark and adhesion tests, and the manholes were back in service promptly. Through the application of Neopoxy NPR-5304 Epoxy Resin, the life span of the manholes was extended by several decades. 510-782-1290; www.neopoxy.com

Link: <https://www.mswmag.com/editorial/2022/06/case-studies-manhole-equipment-and-rehabilitation>

