

Municipal SEWER & WATER

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Epoxy and adhesive provide transition between T-Lock and concrete manhole



Problem:

Two manholes at the Los Angeles County Sanitation District's Joint Out-fall "G", Unit 9 Trunk Sewer Rehab Phase 4 Project required epoxy coating of the base/bench with reliable connection to the previously installed T-Lock PVC liner. Standard epoxy resins couldn't be used, as they don't adhere to PVC materials.

Solution:

Neopoxy International recommended using a combination of solvent-free **PVC adhesive/primer** and hand-applied epoxy resin **NPR-5305**. Sancon Engineering applied a 1-inch-wide strip of PVC adhesive on the low edge of the T-Lock sheet. The next day, benches were coated with high-strength, corrosion-resistant epoxy NPR-5305, overlapping the PVC adhesive strip. That epoxy coating bridged the PVC material with the concrete manhole floor.

RESULT:

The combination of PVC adhesive and NPR-5305 epoxy resin created a reliable transition between PVC material and concrete structure.
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