

**Epoxy and Adhesive Provide Transition Between T-Lock and Concrete Manhole**  
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**Problem:** Two manholes at the Los Angeles County Sanitation District's Joint Outfall "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 LLC 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.

**Link:** [https://www.mswmag.com/editorial/2017/04/manhole\\_equipment\\_and\\_rehabilitation5](https://www.mswmag.com/editorial/2017/04/manhole_equipment_and_rehabilitation5)

