



WESTERN  
ENVIRONMENTAL LINER

## **PVC Embedment Liners Product Specification Sheet Ultra Long-Term Concrete Protection**

Concrete is the most versatile, reliable and available building material on earth. However, when concrete is left exposed to various chemical elements, it fails.

Western Environmental's PVC Embedment lining systems effectively isolate both precast and cast-in-place concrete structures from all types of environmental exposure.

Because of its ability to elongate under stress, PVC bridges cracks that occur in concrete as it shrinks, minimizing exposure. PVC lined systems eliminate damage due to most chemical, groundwater and weather exposure, creating long lasting, effective containment structures.

### **Key Features:**

- Optimum protection for concrete against most aggressive liquids (acids, bases, salts, oils, solvents, fuels)
- Great for Manholes, Pipes, and many other Concrete Applications
- Impenetrable to hydrogen sulfide gas
- Service temperature up to 160 F (60 C)
- Flexibility maintained throughout the lifetime of the lining
- Low coefficient of friction
- High abrasion resistance
- Maintains weldability over time
- Suitable for potable applications
- Completely testable, testing can be documented
- Made to the exact size you want