

Case Study
Tank Soil Side Bottom IDS
Chime Ring Dry for Above
Ground Storage Tanks



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1 Surface Preparation and Install “Chime Ring Dry” IDS PVC Pipes

Preparation of the concrete tank chime and surfaces.
Installation of the “Chime Ring Dry” IDS PVC Pipes.



2 Viscotaq® Viscopaste Application

A backer and/or Viscotaq® Viscopaste may be used on tanks where the gap between the ring wall/base materials and the floor plate is ≥ 2 ".



3 Viscotaq® EZ Wrap Application

EZ Wrap shall be started at the weld of the shell and the floor plate and extend over the sealant onto the ring wall or base material. Use a roller over the EZ Wrap to ensure that it has completely adhered to the substrate



4 Inhibitor Sleeve Installation

The VCI dry sleeves are installed into the PVC pipe and the system is sealed to create an enclosure to contain the VCIs. The VCIs migrate and absorb onto the metal surface. The diffusion of VCIs provides corrosion protection in the critical 3 to 4 meters from the annular chime ring.



5 UV Resistant Top Coat

Paint EZ Wrap with a latex paint to prevent any breakdown due to possible UV Rays as well as to add strength to the system. Paint prevent possible molding or fungus growth where the product might stay wet or moist.



6 Design Criteria

Defect	: Tank chime Bottom plate corrosion
Diameter	: 80'
Area	: Storage Tank
Material	: Steel Plates
Method	: Tank SSb IDS- Under Side Injection
Design Life	: 15 Years