



NEWS ALERT

CorroLogic® for AST Bottoms: It Just Makes Sense!



Aboveground storage tank (AST) bottoms are unseen and difficult to protect. They are also vulnerable to corrosion (especially in hot, humid, seaside climates), which can compromise the integrity of vessels that often hold dangerous chemicals like oil and gas. Fortunately, Cortec® offers [CorroLogic®](#), an extremely logical solution for AST bottom protection at any stage of service life!

How CorroLogic® Works

CorroLogic® for ASTs comes in two main forms: [CorroLogic® Powder](#) and [CorroLogic® Slurry](#). Each works as a Vapor phase Corrosion Inhibitor. When applied beneath the tank bottom, these technologies release corrosion inhibiting vapors that diffuse throughout the sand pad and form a protective molecular layer on the metal surface of the tank.



When to Apply CorroLogic®

This vapor-phase action allows CorroLogic® to be applied at any phase of a tank's service life—during construction, while in service, and after being taken out of service. CorroLogic® can be injected underneath the tank without having to empty or raise the structure. The Vapor phase Corrosion Inhibitors simply travel throughout the hard-to-reach space and apply themselves by adsorption.



CorroLogic® and ICCP

Prior to CorroLogic® Technology, impressed current cathodic protection (ICCP) was the main option for tank bottom protection. However, this did not provide protection during power outages or in areas of the tank bottom not in contact with the sand pad carrying the ICCP current. In contrast, CorroLogic® can be used alone or in conjunction with ICCP to provide protection in difficult-to-reach areas with or without a power supply.

The Logical Choice

Now that Vapor phase Corrosion Inhibitors have become an industry standard for ASTs (API [Technical Report 655](#) and [AMPP SP21474-2023](#)) after decades of field testing, CorroLogic® makes more sense than ever. [Contact Cortec® to learn more about using CorroLogic® to protect AST bottoms from corrosion at any stage in a tank's service life!](#)



Keywords: *AST bottom protection, CorroLogic, corrosion of aboveground storage tanks, tank bottom protection, cathodic protection, Vapor phase Corrosion Inhibitor, corrosion inhibitors, Cortec, challenges of CP, API Technical Report 655*

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