

Savcor product protects pipe ends and internals

Pipe corrosion is an easily occurring but extremely unwanted problem within the pipeline industry, causing all kinds of extra headaches on a project. When it comes to avoiding this issue, Savcor is one of the most trusted names in the business.

Pipes risk corrosion in the critical period between manufacturing and installation when they are exposed to harsh weather conditions during transit, or while sitting in a pipe yard.

Protecting these assets from corrosion is a key part of a successful installation project and allows an avoidance of extra costs and dangers from corroded pipes in terms of extra time, labor and compromised integrity.

Cortec's Vapor Phase Corrosion Inhibitors (VpCI) come in many forms to simplify the protection of metals in difficult-to-reach spaces like pipe internals. Rather than apply an internal coating, an easy alternative is to cut a CorroLogic Tube Strip to the length of a pipe, slip it inside and cap the ends before shipping it

to its destination or leaving it to sit in an open pipe yard.

CorroLogic Tube Strips are flexible 8.5 mm wide strips of low density polyethylene containing a proprietary VpCI compound designed for protection of ferrous and non-ferrous metals and alloys. Within hours, corrosion inhibitors vaporise out of the pipe strip and saturate the internal pipe environment, leaving a protective molecular layer on the pipe internal, even in the presence of high humidity.

Pipes with a diameter larger than 15.2 cm can be protected in a similar way at a higher dose by inserting VpCI pouches throughout the pipe, or by fogging with either VpCI powder or waterborne VpCI-337. When the pipe is

uncapped, the VpCI molecules will gradually dissipate and not interfere with further welding or flushing of the pipe.

Pipe ends, where threaded areas may be more vulnerable to rust, receive additional protection by using CorroLogic CorrCaps. These heavy wall black polyethylene pipe caps also contain VpCI and protect against physical damage and corrosion.

The caps are made to order in most standard national pipe thread sizes ranging from 0.6 cm to 1.6 m in diameter.

By using these and similar strategies, pipe manufacturers and users can avoid many of the headaches that come when pipes are compromised by corrosion.

In Australasia, these products are available through Savcor Products Australia. **P**



Vapor phase Corrosion Inhibitors come in many forms, including CorroLogic Tube Strips (pictured).



A pipe cap without inhibitor (left) and a pipe end protected with a CorroLogic CorrCaps pipe cap (right).

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About Savcor Products Australia

Savcor Products Australia is a leading provider of brand name corrosion products in Australasia. The company offers a wide range of corrosion and cathodic protection related products such as anodes, coatings, corrosion inhibitors, monitoring equipment, testing and measuring instruments.

The company's staff is highly experienced in the field of corrosion control and prevention, taking care to understand its customers' requirements to ensure that the best and most suitable products are sourced for their needs.

For more information visit www.savcorproducts.com.au.