

NEWS ALERT



Do You Need Help Making Your Cooling Water Layup Plans? Use Our Cooling Water Layup Guide



CORTEC CORPORATION		Cortec Technical Services					
Cooling Water Layup		Product Line Guide					
Product	Form	Open or Closed Loop	Layup Method	Dosage	< 3,000 Gallons	> 3,000 Gallons	Notes
Closed Loop Toad	Water-soluble Bag	Closed	Wet-Dry	1 Bag per 250 Gallons	X		
Cooling Loop Gator	Water-soluble Bag	Open	Wet-Dry	1 Bag per 250 Gallons	X		Molybdate-free version is available
Cooling Tower Frog	Water-soluble Bag	Both	Dry	1 Bag per 500 Gallons	X	X	100% Vapor Phase Corrosion Inhibitor
S-69	Liquid	Both	Wet or Wet-Dry	0.3 – 1.5%		X	
VpCI-649 (includes BD & BD MF)	Liquid	Both	Wet or Wet-Dry	0.3 – 1.5%		X	Contains stabilizer for hard water systems

Types of Layup	Dry	Preservation product is applied after the system has been shut down and drained.
	Wet	Preservation product is added and circulated throughout system. The system is then shut down and maintained at normal water level.
	Wet-Dry	Preservation product is added and circulated throughout system for 12-24 hours. The system is then shut down and is fully or partially drained.

Notes:

- All products listed provide multimetal protection.
- Multimetal protection refers to protection for ferrous metals, aluminum, stainless steel, copper and other yellow metals.
- Product dosage lists the volume of water or system volume treated by each product. Percentages correspond to weight percent.
- For dry layup of large cooling water systems, contact Cortec's Technical Services.

All statements, technical information, and recommendations contained herein are based on tests Cortec Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed. Any data represent typical values and neither constitute nor are intended for use as a specification.

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Cortec Corporation
4119 White Bear Parkway • St. Paul, MN 55110 USA
Phone: (651) 429-1100 • (800) 4-CORTEC
www.CortecVCI.com • info@CortecVCI.com

Cooling water layup season is upon us! Perhaps you have already made the important decision to implement a corrosion protection system. But how do you decide which one to use? Our Cooling Water Layup Product Line Guide from Cortec® Technical Services is a great place to start!

The Cooling Water Layup guide helps you choose the layup method that works best to fit the needs of your situation. Ask the following questions as you review the chart:

- Is your system very small or large?
- Is it an open loop or a closed loop system?
- Are you going to perform a dry layup or a wet layup?
- Do you want to drain the system before application or not?
- Does your system use hard water?

However you answer these questions, we have a cooling water preservation solution to meet your needs. Based on your answers, the Cooling Water Layup guide will help you decide if the Closed Loop Toad®, the Cooling Loop Gator®, the Cooling Tower Frog®, or a bulk liquid treatment for large volume equipment (>3,000 gallons [>11,356 L]) is the best option for you! Contact Cortec® Technical Services for further assistance and to access the guide: <https://www.cortecvci.com/contact-us/>.

Keywords: water treatment, seasonal water system startup/shutdown protocol, cooling tower, cooling systems, cooling tower layup, cooling tower mothballing, closed loop, asset preservation, Cortec, Vapor phase Corrosion Inhibitor, seasonal layup

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