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Attention: Editor

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PRESS RELEASE



A Quick and Effective Boiler Layup Solution for Mall Shutdowns

With COVID-19 changing the course of everyday life, civilization is being forced to cope with unexpected disruptions. One societal fixture hit especially hard by these interruptions is shopping malls—bustling hubs of commerce and entertainment that have suddenly grown quiet. For mall maintenance teams, shutdown means turning off equipment that normally operates year-round, or putting heating



system boilers into spring layup much earlier than usual. With uncontrollable circumstances surrounding shutdown, the important focus at this time is to ensure effective preservation so equipment can be brought back on line speedily when quarantine restrictions are lifted. For shopping facilities with boilers of 100-10,000 gallons (380-38,000 L), Cortec's Boiler Lizard® provides a convenient and ideal dry layup solution.



Boiler Lizard® has been providing effective and efficient preservation for decades to those who want to avoid the hassle of quick lime and desiccants, the constant monitoring of dry air systems, and the potential danger of nitrogen blanketing. In contrast to the challenges of these traditional methods, Boiler Lizard® provides corrosion protection with little or no surface prep required for routine shutdown maintenance and no need to remove the VpCI® protective layer prior to equipment startup.

This reduces chemical consumption and costs and increases worker productivity and safety.

Cortec's Boiler Lizard® contains Vapor phase Corrosion Inhibitor powder in a polyvinyl alcohol (PVA) water-soluble bag. The powder formulation is free of phosphates, heavy metals, nitrites, and free amines. Designed for dry layup of boilers, the Boiler Lizard® protects metals in enclosed spaces by releasing corrosion inhibiting vapors that adsorb on metal surfaces, reaching all recessed areas and interior cavities. These VpCI® molecules work in multiple phases (vapor phase, liquid phase, and at the air-water interface), providing protection even in areas where condensation or residual moisture would threaten corrosion.

Each Boiler Lizard® protects up to 1,000 gallons of system capacity (5 yd³ or 3.8 m³) and can be easily applied after completely draining the boiler and cooling it down. All that is needed is to remove the Boiler Lizard® from its outer bag, slit open the inner water-soluble bag, and place the Boiler Lizard® flat inside the boiler before sealing all openings to boiler internals. Product removal is typically not required prior to boiler startup, as the Boiler Lizard® will simply dissolve when the boiler is refilled with water and put back into service according to normal startup procedures. The Boiler Egg™ provides an excellent companion to Boiler Lizard® and can be applied at the same time for additional protection against oxygen pitting during initial boiler startup.



Contact Cortec® today with your questions about preserving boilers and other critical mall utilities during shutdown:

Learn more about the Boiler Lizard® here:

https://www.cortecvci.com/Publications/PDS/Boiler_Lizard.pdf

Learn more about the Boiler Egg™ here:

https://www.cortecvci.com/wp-content/uploads/Boiler_Egg_NEW.pdf



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