



Vezlar™ is a multi-purpose seamless coating used to coat pipes, spillways, penstocks and other facilities that are adversely affected by Zebra mussels. In the United States and Canada, total damage to water intake pipes and filter screens is approximately \$3.5 billion. Losses in Europe and Asia exceed that of the U.S. Power plants relying on water from the Great Lakes, spend approximately \$60 million per year in attempts to prevent power outages resulting from water intake lines that have been clogged by Zebra mussels.

Liquid Rubber's Vezlar™ used as a surface coating reduces fouling by providing a low tension, non-adhesive surface that Zebra mussels find hard to attach to, preventing colonization.

Un-treated surfaces typically become heavily fouled in waters where Zebra mussels are present.

Example of a un-coated 2" water inlet pipe taken from Lake Erie, showing a high growth of mussels.



Vezlar™ can help reduce fouling on pipes, penstocks, and other surfaces exposed to water containing Zebra mussels by applying a non-toxic elastomer latex modified asphalt coating. This Vezlar™ coating does not provide the young Zebra mussel a surface that it can adhere to.



At Granite Power Generation in Gananoque, Ontario, samples were placed in the power station reservoir that was thick with Zebra mussels and after the 8 month test period, the samples coated with Vezlar™ showed little or no mussel adhesion. On the concrete block samples mussels had adhered to the surface where no Liquid Rubber Vezlar™ had been applied.

In applications on oil drilling platforms in the Gulf of Mexico, Vezlar™, spray applied coatings, are found to greatly reduce fouling from barnacles on sub-surface metal structures and to prevent corrosion of metal surfaces above the waterline.



Vezlar™ is easy and safe to apply. The coating is applied using a low pressure high volume spray unit. A thickness of up to 80 mils (2mm) can be achieved in a single application that fully cures in under 24 hours.

Vezlar™ corrosion preventative coatings may be applied over almost any surface, but best results are achieved when the surfaces are clean, dry and free of existing rust or corrosion. Vezlar™ can however be applied over damp metal surfaces and in many instances has been applied to oily surfaces with good results.

Vezlar™ coatings resist biological degradation, are UV resistant and are highly elastic to prevent cracking and disbondment under thermal and physical stresses typical in marine environments.



**For technical assistance on Liquid Rubber protective coatings contact us at 1-866 979-0300**