

## Duromar® Coating & Linings

**Severely corroded sea water based Cooling/Circulating water Pipeline at a coastal Coal Fired Power Station in India, protected with Duromar® HPL - 2510**

Arudra - in technical collaboration with Duromar Inc (USA) - is a licensed manufacturer & applicator of Duromar® epoxy coating & lining products.

Agressive nature of sea water had severely corroded and eroded the carbon steel cooling water pipeline - causing severe metal loss and asset life depletion.

The existing vinyl ester coating, installed at approximately 2mm had for most part given away, causing excessive blistering and reducing the overall wall thickness of the carbon steel pipelines.

Upon inspection, Arudra proposed the installation of a robust 100% solid (Zero VOC) polymeric epoxy system to replace the existing vinyl ester and reline the severely corroded areas.

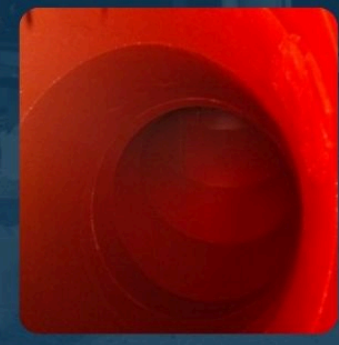
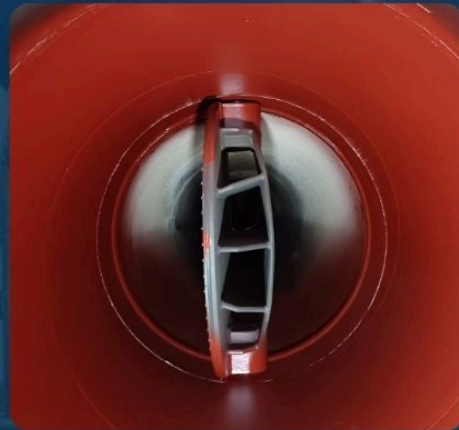
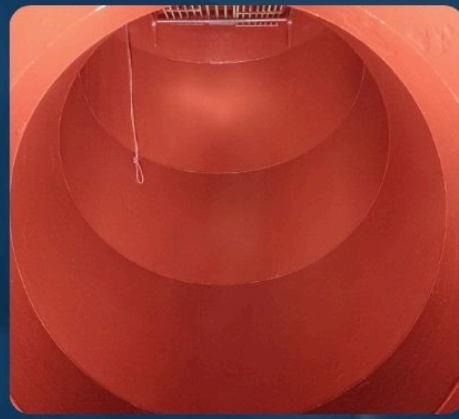


The Duromar® HPL – 2510, 100% solid epoxy liner is custom designed to resist varying levels of sea water based corrosion and erosion and has helped protect innumerable cooling/sea/circulating water pipelines for over decades.

Duromar® HPL – 2510 provides the required flexibility under continuous operation and eliminates any blistering when exposed to sea water – an issue commonly found across conventional coating systems like polyester, vinyl ester and rubber lining.

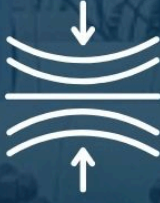
The existing vinyl ester films were removed and the surface of the pipelines were abrasive blasted to as per SA 2.5 standards, to achieve a near white metal finish.

The Duromar® HPL – 2510 was then spray applied over 3 coats, to achieve an overall thickness of 1mm-1.5mm.



Whether users are looking to protect newly installed cooling/sea water lines or repair existing ones, the Duromar® HPL – 2510 is a perfect fit to help protect these integral assets for decades to come – thereby eliminating the need for expensive maintenance and downtime.

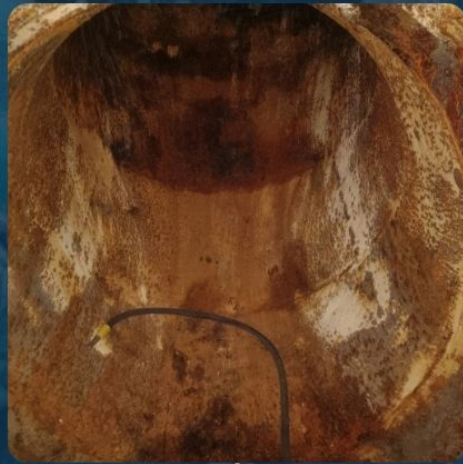
## Duromar® HPL – 2510 Key Features



Flexible



Excellent Adhesion



Outstanding Corrosion & Erosion Resistance



Increased Asset Life



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