

# HP NanOKoat

## Nano-Additized Paint for Corrosion Mitigation



- In-house Developed NANO Formulation for Corrosion Mitigation Paints
- Corrosion Mitigation under the extreme salty environment
- Elimination of Primer Coat
- Potential Cost Savings
- Demonstration Initiated at Mumbai Refinery



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## Nano-Additized Paint for Corrosion Mitigation



### Advantages

- ❖ Tested under Extreme Salty conditions
- ❖ Compatible with Any surface
- ❖ Superior Adhesion Properties
- ❖ Potential as a Marine Paint

### Performance Evaluation

- ❖ Sustained > 1000 h of Accelerated Corrosion Test – ASTM B117
- ❖ Sustained > 120 Days exposure to Salt Water Spray

0<sup>th</sup> Day

120<sup>th</sup> Day



Uncoated

Coated

Uncoated

Coated