

Hempel announces Hempatop Repel 800

Hempatop

An advanced water-repellent coating, Hempatop Repel 800 protects your offshore assets for longer to significantly reduce the frequency and cost of ongoing maintenance

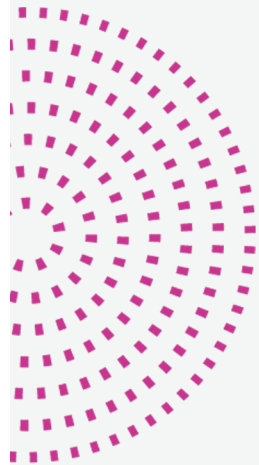
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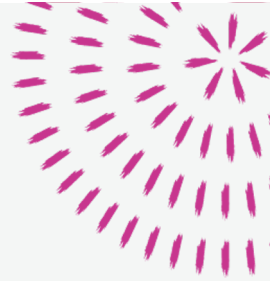
Breakthrough two-coat system for offshore structures



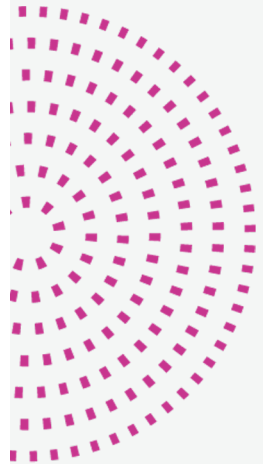
- Hempel announces a breakthrough two-coat system for offshore structures
- The traditional three-coat systems used for offshore assets regularly show signs of early failure, leaving the owner facing unsustainable maintenance costs. The solution is a new two-coat system based on Hempatop Repel 800.
- Combining Hempatop Repel 800 with the market leading activated zinc primer Hempadur Avantguard® 770, this water-repellent system outperforms current three-coat systems in both durability and ease of application. The result? Faster application, outstanding corrosion protection and longer maintenance intervals.



Address Water Ingress through the coating

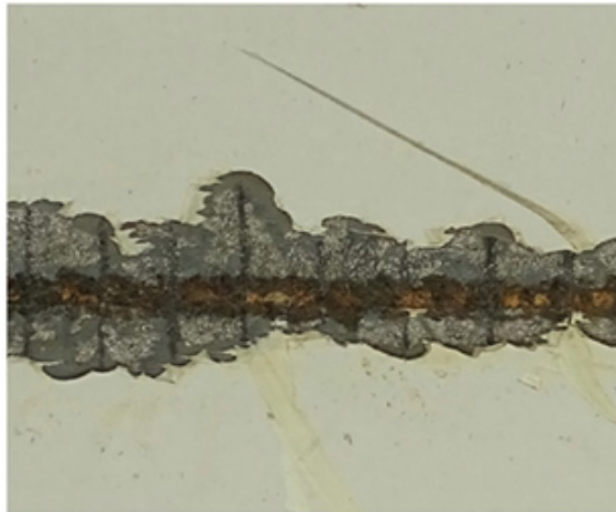


- Analysis shows that one of the primary causes of coating failure is water ingress through the coating system.
- An advanced topcoat with water-repellent technology, Hempatop Repel 800 actively repels water from the coated surface to protect the coatings and steel beneath - leading to significantly better protection for steel in offshore environments. Hempatop Repel 800 was co-developed with a U.S. based international oil company.



Validation Testing

- Water-repellent technology provides superior control of rust creepage at scribe by avoiding the evolution of corrosion, which ensures an extended coating lifetime despite accidental damage during service.
- *Testing done according to NACE TM0404 Section 7 (ASTM D5894)
1 week UV/condensation cycle + 1 week fog/dry chamber with synthetic seawater. Duration: 12 weeks.*



Conventional 3-coat system



Avantguard 770 /
Hempatop Repel 800 system