



WHO WE ARE

As a global coatings supplier, Sherwin-Williams Protective & Marine works to protect and preserve the assets and structures involved in energy production and operations. Our high-performance coatings and systems are engineered to combat the corrosion that so easily happens in harsh offshore environments and extend the lifespan of your steel turbines – from the underwater foundation all the way up to the blades. Combined with hundreds of cumulative years of expertise among our professionals who know the energy industry inside and out, we can work with you to develop custom coating solutions that will protect your operations long term.

SOLVENT-FREE CORROSION PROTECTION FROM FABRICATION TO MAINTENANCE

For many decades, Sherwin-Williams Protective & Marine has been a reliable partner in the wind energy industry thanks to the most advanced technologies, special service orientation, and a mix of proven and innovative coating systems. We meet the offshore market's extremely high demand for corrosion protection with solvent-free coatings from fabrication to maintenance.

FABRICATION OF STEEL FOUNDATION STRUCTURES

Offshore wind turbines are mostly constructed on steel foundation structures. These surfaces are permanently immersed in seawater and require a coating system that is not just extremely mechanically durable but also implements the requirements for corrosion protection.

Our **Dura-Plate® SW-501** meets all these requirements. Furthermore, this fast curing two-pack epoxy coating is **solvent-free**, therefore very environmentally friendly.

Main benefits

- Highest corrosion protection under permanent stress by seawater and in tidal areas
- High abrasion resistance, as well as mechanically robust
- Applicable in one layer from 150 microns up to 1000 microns with standard airless, brush and roller
- Suitable for application in combination with cathodic protection (CP) systems
- Norsok standard M-501, system No. 7A/7B

FROM SPEC TO PROTECT

protective.sherwin.com

OFFSHORE WIND

FAST AND EASY OFFSHORE REPAIR SOLUTION

To repair damage on steel structures, special protective paint systems are used for offshore structures. These systems must meet high requirements against corrosion protection and exhibit ease of application in a range of difficult conditions including climate, weather and accessibility.

Our solution: **Repacor™ SW-1000** a two-pack solvent-free glass flake polyaspartic repair coating from the cartridge, which enables fast, easy and cost-effective offshore repair.

Main benefits

- Easy-to-use packaging – less weight for applicator
- Solvent-free coating consists of 100% solids
- Extremely fast curing time even under water, with only one layer
- UV-resistance without topcoat
- Surface tolerant – can be used on many substrates
- Corrosion protection at 500 microns, similar to original shop coating
- Tested in accordance with ISO 20340 ageing cyclic corrosion test



THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems that excel at combating corrosion helps customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including Energy, Water & Wastewater, Bridge & Highway, Steel Fabrication, Flooring, Manufacturing & Processing, Fire Protection, Marine, Rail and Power.

United States & Canada

protective.sherwin.com

swprotective@sherwin.com

SHERWIN-WILLIAMS®

©2024 The Sherwin-Williams Company
Protective & Marine Coatings
PM-1415750-SS 2/24