



**Traditional
glass flake epoxy:
rough finish**



**Dura-Plate SW-501
Series: good finish,
including glass flake
versions**

AN ADVANCED SOLVENT-FREE TECHNOLOGY PLATFORM FOR EXTREME OFFSHORE SERVICE

Based on a technology platform with over 20 years of proven track record protecting offshore wind, inland waterways and sheet-piling assets, the **Dura-Plate SW-501 range** of products has evolved to set a new bar in modern performance and emissions requirements.

The **Dura-Plate SW-501 range** serves a widening landscape of pre-qualification and design requirements for corrosion protection of offshore assets. **Dura-Plate SW-501**, **Dura-Plate SW-501 GF** and **Dura-Plate SW-501 GF20** share the same chemistry backbone, proved over decades in service, with variable levels of lamellar glass flake adapting to specific project requirements. The same level of user-friendly application and finish quality is a hallmark feature of the entire range.

BENEFITS

- Unrivalled quality of finish
- Solvent-Free
- Edge Retentive
- Early Water Resistance
- NORSOK M-501 Rev.7 Approvals
- ISO 12944 Approvals
- Easy to apply with single leg airless equipment
- Very good adhesion to blasted steel
- Compatible with cathodic protection
- Compatibility with automated application equipment

APPLICATION AREAS

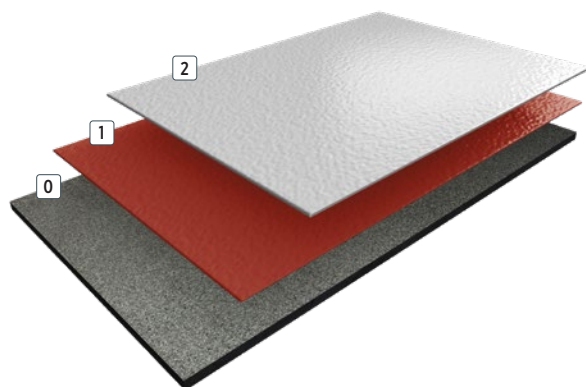
- Offshore Wind foundations: fixed or floating - monopiles, jackets, transition pieces, hulls, etc
- Oil & Gas upstream offshore assets: for splash zone, immersed or extreme atmospheric corrosivity service
- Steel structures in immersed or buried service: waterways, sheet piling, hydroelectric power and more



DURA-PLATE® SW-501 series

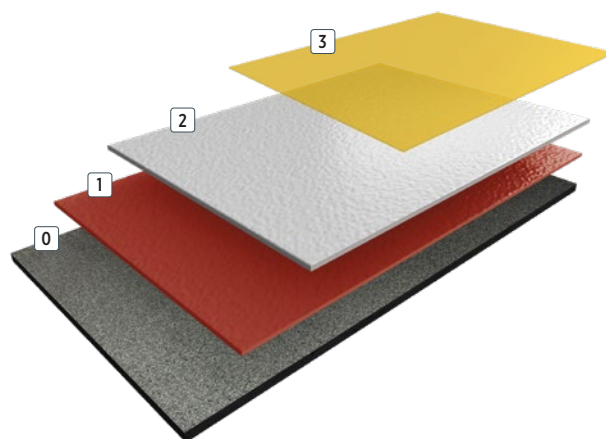
OFFSHORE HIGH DURABILITY COATINGS

NORSOK M-501 REV.7. SYSTEM 7B TYPICAL COATING SYSTEM



- 0 Substrate: Blast-cleaned steel Sa 2½
- 1 1st coat: **Dura-Plate SW-501, SW-501 GF or SW-501 GF20** (175 µm DFT)
- 2 2nd coat: **Dura-Plate SW-501, SW-501 GF or SW-501 GF20** (175 µm DFT)

NORSOK M-501 REV.7. SYSTEM 7A TYPICAL COATING SYSTEM



- 0 Substrate: Blast-cleaned steel Sa 2½
- 1 1st coat: **Dura-Plate SW-501 GF or SW-501 GF20** (500 µm DFT)
- 2 2nd coat: **Dura-Plate SW-501 GF or SW-501 GF20** (500 µm DFT)
- 3 Topcoat (optional): Approved Sherwin-Williams topcoat

KEY FEATURES OF DURA-PLATE SW-501-SERIES

- Excellent flow and aesthetics
- Solvent-free epoxy coating system
- Abrasion and impact resistance
- Early water immersion resistance
- Compatibility with cathodic protection systems
- Easy to apply with single-leg airless equipment
- Exceptional adhesion to blasted steel
- Variable levels of glass-flake content options

DURA-PLATE SW-501

The tried and tested epoxy coating: certified, simple, effective, durable.

- NORSOK M-501, Rev.7 approved*
- ISO 12944:2018 approved*
- VGBE-S-021-01-2023-05-DE approved*
- VGBE/BAW-Standard (2023-05)*

DURA-PLATE SW-501 GF

Lamellar glass-flake epoxy with enhanced mechanical resistance and barrier properties alongside extended suite of pre-qualifications.

- Optimised lamellar glass flake content
- NORSOK M-501, Rev.7 approved*
- ISO 12944:2018 approved*
- Best-in-class film formation for a glass-flake epoxy, resulting in improved surface appearance and levelling versus traditional glass flake containing products

DURA-PLATE SW-501 GF20

20% glass flake content for maximum prequalification reach and compatibility with the latest requirements.

- Enhanced lamellar glass flake content
- NORSOK M-501, Rev.7 approved*
- Meets ISO 24656:2022 Annex D System V definition (minimum 20% content of lamellar glass flake)*
- Excellent film formation for a 20% glass-flake epoxy, resulting in improved surface appearance and levelling versus traditional glass flake containing products

* Contact Sherwin-Williams for detailed information on approved systems and qualification documentation

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 - including protective liquid and powder, fire protection and resinous flooring - excel at combating corrosion and help customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including Bridge & Highway, Energy, High Value Infrastructure, Manufacturing & Processing, Marine, Rail, Power and Water & Wastewater.

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