PPG SIGMASHIELD® 905 GF

Oil, Gas and Chemicals

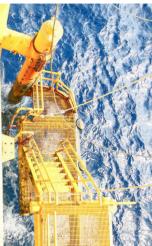## High-solids epoxy coating reinforced with glass flake

Outstanding corrosion protection for the oil and gas offshore industry

Corrosion Resistance

Easy and Efficient

Low VOC Emissions

Extended Asset Expectancy

Product Overview

Developed for offshore use in the oil and gas industry, PPG *Sigmashield* 905 GF high-solids epoxy primer/buildcoat system is reinforced with glass flake to provide long lasting corrosion and high temperature protection for assets in even the most severe environmental conditions, such as splash zone areas.

The solvent-free, low-VOC formulation provides a high dry film thickness (DFT) in a single coat and is ready to handle and overcoat in just two hours. The extremely robust system additionally offers long lasting protection in the offshore environment.

End Use

PPG *Sigmashield* 905 GF epoxy system is suitable for use in oil and gas offshore field developments.

- Splash zone   - Submerged zone   - Riser pipes

Certifications and Regulations

- Meets ASTM D4060, ASTM D27964, ASTM D539 and ASTM G42 standards
- Meets APCS-19C Saudi Aramco Engineering standard as per 09-SAMSS-070 specification

Features and Benefits

Excellent Corrosion Resistance
- Provides high temperature water resistance up to 93°C immersion
- Excellent cathodic disbondment up to 93°C meeting ASTM G42 standard
- Exceeds high quality requirements of the world's largest oil and gas companies

Easy and Efficient Application
- High-solids formulation (98%) providing high DFT in a single coat
- Fast drying with the product dry to handle and ready to overcoat in two hours at 40°C (or 12 hours at 20°C)
- System specification: two coats of 750µm DFT per coat

Reduced Environmental Impact
- Low-VOC emissions (20 g/l as per UK PG 6/23(92))
- Solvent-free formulation

Increased Asset Life Expectancy
- Increased durability provides the possibility to optimize maintenance and repair cycles

For more information, visit ppgpmc.com or contact PMCMarketing@ppg.com

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