AMERCOAT®

Protective Coatings

Case Study

Name	Tarantula Platform
Owner	Anadarko Petroleum
Location	Gulf of Mexico
Products	DIMETCOTE® 9, AMERCOAT® 385, AMERCOAT® 450HS

Key Features

- *DIMETCOTE* 9 is a one-coat, heavy-duty inorganic zinc silicate primer

  Self-curing, easy application with long-term protection against corrosion, weathering and ultraviolet exposure

- *AMERCOAT* 385PA is a low-VOC inhibitive pigment multipurpose high-build epoxy primer

  Durable, abrasion-resistant protective coating with superb chemical and weather resistance

- *AMERCOAT* 450HS is a low-VOC, gloss aliphatic polyurethane topcoat

  Provides unlimited recoatability, outstanding weather resistance, plus excellent colour and gloss retention

Project

Anadarko Petroleum Corporation (NYSE:APC) awarded the construction of its offshore production platform Tarantula, reportedly worth USD 86 million (EUR 62.9 million) to Kiewit Offshore Services of Ingleside, Texas in August of 2003.

Located in the Gulf of Mexico, the fixed four-leg production platform has an estimated capacity of 100 million cubic feet per day (MMcf/d) of natural gas and 30,000 barrels per day (b/d) of oil. Anadarko Petroleum has used *AMERCOAT* coatings for over thirty years and the Tarantula project was completed in July 2004.

Protective System

Working with the contractor, Kiewit Offshore Services, the coatings used were *DIMETCOTE* 9, *AMERCOAT* 385PA and *AMERCOAT* 450HS. Three levels of decks and equipment – a total of 180,000 ft2 (16,722.5 m^2) of carbon steel – were abrasive blasted to meet SSPC-SP10 standards and then primed with *DIMETCOTE* 9 inorganic zinc silicate primer. An intermediate coat of *AMERCOAT* 385PA inhibitive pigment multipurpose epoxy was then applied, followed by a topcoat of *AMERCOAT* 450HS gloss aliphatic polyurethane.

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