

Guangzhou Nansha Titan

Case study 2011

Focus product: Interline® 850

Year of project: 2002 - 2011

Location: China

Project owner: GZ Nansha Titan Petrochemical Co., Ltd

Applicator: Tianjin Petrochemical Company Limited,
Shenzhen Liwei Anti-corrosion Company

ISO12944 environment: C5-M

Project size: 600,000 liters

Background

Titan Petrochemicals Group Ltd is a provider of oil provision and marine services in the Asia Pacific region, in particular China. The Titan Guangdong Nansha Petrochemical base mainly stores fuels oil, petrochemicals and oil products. High requirements are essential for any protective coating system considering the rigorous conditions and high operating temperatures the corrosive cargoes in tanks. Additionally the selected coating needs to resist a comprehensive range of cargoes. In summary, the Titan Nansha Project is a high quality large project, typical of the necessary storage solutions used in South China.

The solution

For chemical and oil product storage tanks, through repeated testing of the storage cargo and operating environment with the owners, AkzoNobel recommended Interline 850 epoxy phenolic tank lining. Interline 850 provides corrosion protection for the internals of steel storage tanks containing a range of products, including crude oil, unleaded gasoline blends, MTBE, jet fuels, caustic solutions, potable water and a selected range of aromatic and aliphatic solvents.

AkzoNobel provided the solutions for first phases of this project in 2002, and the customer was impressed with the performance and service received. The professional support given and high level of communication all contributed towards our involvement in the second phase starting in 2007 and the latest phases starting in 2010.

