Syneffex™ Effective solutions

Sustainability Simplified.™
very Simple.

Award Winning Energy Saving and Asset Protection Coatings

Case Study

Petrochemical Manufacturer- Methanol Storage Tanks

GEOGRAPHICAL AREA:
The Middle East

ISSUE:

A petrochemical facility in the Middle East needed to significantly reduce vaporization of methanol inside storage tanks.

SOLUTION:

Syneffex™ High Heat and blue paint overcoat

Coverage: 3-coats

RESULTS:

- ✓ Stopped Vaporization of Methanol
- ✓ Stopped Corrosion
- ✓ Provided customer with the most effective solution for insulation in High Humidity (75%-90% humidity)
- ✓ Provides excellent corrosion resistance.
- ✓ Long lasting - 5-10 years.

A petrochemical facility in the Middle East needed to significantly reduce vaporization of methanol inside storage tanks. Traditional insulation could not be used due to the high humidity in the region. Secondarily, they also wanted to prevent corrosion on the tanks.

Syneffex™ Translucent High Heat insulation coating was used on the exterior of the tanks, with an overcoat of a blue tinted top coat in their desired color.

Syneffex™ provided them with an effective thin film solution which was highly durable and effective in the demanding environment, stopped the vaporization and offered long-term protection. The tanks are checked every six months for corrosion, and none has been detected since installation of Syneffex™ in summer of 2008.

During the warmest months, the ambient temperature gets as high as 55C (131F). When Methanol reaches temperatures in excess of 33C (91F), it begins to evaporate. Syneffex™ eliminated the loss of product due to evaporation.