

Storage Tank – BP

Company Name: BP Raffinaderij Rotterdam BV

Location: Europoort, Rotterdam, The Netherlands

Coating: Mascoat Industrial-DTI

Applicator: Van der Ende, Barendrecht

Thickness: 80 mils (2.0 mm)

Reason for application: Personnel and CUI protection, energy retention

Van der Ende is a respected house contractor for BP Rotterdam for many years already. In Autumn 2007 Van Der Ende was approached to apply Mascoat Industrial DTI insulating coating on the first tank roof of the BP refinery in Rotterdam. The coating was applied over a primer Epoxy primer of Carboline to a thickness of 2mm (80 mils). The tank already had conventional insulation on the tankwall.



Before the Mascoat Industrial DTI application, the storage tank top was insulated with Poly Urethane Foam (PUR). Because of the heavy attack of sea burds, CUI,(fire) Safety and quality issue's BP decided to switch to the Mascoat solution.

Robert Margadant said, **"I am very happy with the looks of the tank roof. After a temperature monitoring period of 6 months we have seen that Mascoat Industrial DTI has compared to conventional insulation and not increased the use steam"**. The storage tank is in use for staorage of heavy fuel and has an operating temperature of 72°C (162°F) . BP Refinery Rotterdam changed the specifications for tank roofs and is using Mascoat Industrial-DTI as standard solution.

