

CASE STUDY



TRANSMONTAIGNE PARTNERS L.P.

NUMBER 6 OIL TANK

FISHER ISLAND, FLORIDA



Date of Application: Winter 2019/2020

Coating: Mascoat Industrial-DTI, specially tinted green at customer request

Application: Number 6 Oil Tank

Reason for Application: CUI Prevention, Energy Retention and Personnel Protection

Thickness Applied: 80 -100 mils

Transmontaigne Asphalt has numerous facilities around Florida, and corrosion is a constant issue for them because of the humid, wet conditions the state is known for. To combat the problem, they have been using Mascoat Industrial-DTI since 2013 when the application is appropriate. The latest application, a tank holding Number 6 Oil operating at 120° F (49° C), is currently ongoing at the Port Everglades facility, just north of Miami.

The tank is over 100 years old and has been remediated many times over the years to fix corrosion issues caused by using conventional insulation. When the time came to once again strip the insulation off and perform maintenance work, the facility decided that MI-DTI should be installed as a long-term insulation solution that will require far less maintenance and last for a much longer time. The Plant Manager wanted a specific green color for the tank that matches the rest of the facility's aesthetics. Fortunately for them, Mascoat is able to color match its coatings. After the lab produced a sample of the color and it was approved by the client, the order was placed in November.

Application began in mid-December and it was decided to start on the roof. After blasting and priming, Mascoat Industrial-DTI in the specified green color was applied to a thickness of 20 mils in one coat while the sidewalls were being sandblasted in preparation of coating. The weather turned and rain moved into the areas the next day, so work had to be delayed for a few days. During this time, the Plant Manager double checked the first coat to ensure that it was a match for the color sample that they approved. As expected, it was an exact match.

The application concluded in early February, and initial reports from the client are positive.

