

CRUDE OIL STORAGE TANKS Energy Retention & Personnel Protection

Company: Ecopetrol Campo Castilla

Location: Meta, Colombia

Coating Used: Mascoat Industrial-DTI

Recommended Thickness: 100 mils (2.5 mm)

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

Year: 2015

The client wanted to have thermal insulation on their Crude Oil Storage Tanks to keep the product at the ideal viscosity for ease of pumping and transporting. Conventionally insulated pieces of equipment in the facility usually had issues with CUI as a result of the humid, moist air and steady rainfall.

Mascoat Industrial-DTI was identified as the ideal solution to solve their ER and PP5 needs while preventing CUI. It was determined that they would need 100 mils (2.5 mm) for the system to work effectively. After preparing the surface with an abrasive jet, the applicator applied an epoxy primer as recommended by Mascoat. That was followed by 5 coats of Mascoat Industrial-DTI to reach the desired thickness of 100 mils. A polyurethane topcoat was applied at the request of the client to aesthetically match other tanks in the area.

Since the application was completed in 2015, the client has been happy with the results and report that crude always pumps easily from the tanks coated with Mascoat.

