

HEAVY FUEL STORAGE TANKS Personnel Protection

Company: Reficar

Location: Cartagena, Colombia

Coating Used: Mascoat Industrial-DTI

Recommended Thickness: 80 Mils (2.0 Mm)

Reason for Application: Personnel Protection

Year: Various times between 2012 and 2015

When REFICAR engineered their plans for 5 new Heavy Fuel Storage Tanks, they were not very worried about energy retention. They did foresee an issue with personnel working around and on top of the tanks with regards to the possibility of burn injuries. The fuels were stored upwards of 93°C (200°F) and even the briefest skin contact on the substrate could result in a burn. They decided to use Mascoat Industrial-DTI on the bottom 3 meters of the tanks, along the staircases, and on walkways on the roof. The client was thrilled that they would only have to apply product to those places, and that moisture was not able to creep underneath like it would if conventional insulation had been applied.



A total of 5 tanks were done over the three-year period, all at 80 mils thickness. The client has reported no burn injuries on these tanks and remains extremely happy with the coating's performance.

