

NAPHTHA STORAGE TANK Radiant Heat Gain Reduction

Company: OCENSA

Location: Sucre, Colombia

Coating Used: Mascoat Industrial-DTI

Recommended Thickness: 1.0 mm (40 mils)

Reason for Application: Reduce radiant heat gain to minimize evaporative loss

Year: 2017

Application Notes: OCENSA had an issue with evaporative loss on its Naphtha Storage Tank due to the high ambient temperature in the region. Temperatures during the day could reach as high as 34°C (94°F), which could raise internal tank temperatures all the way up to 65°C (150°F).

The tank has a capacity of 530,000 barrels of Naphtha and must maintain the product at a temperature near ambient conditions for optimal production. By using Mascoat Industrial-DTI to reflect heat back to the surrounding environment instead of letting it flow into the tank, the rate of evaporative loss was severely decreased.

The client reports that the results have been excellent, and they plan on using the coating on tanks in the future.

