

Lemon Juice Drums

Client: Withheld

Coating used: Mascoat Industrial-DTI

Starting temp: 212°F (100°C)

Ambient: 131°F (55°C)

Thickness: 120 mils (3.0 mm)

Reason for application: Personnel protection & energy retention



Before



After

In these 30 M high drums they ensure that all residue is evaporated and clear product remains. The residue is shipped to a different part of the plant where they use it to make secondary products. The covers and drums need to be cleaned and serviced after each cycle. They lift the covers with a forklift and due to this reason the damaged the traditional insulation all the time as you see in the top left picture. The damaged insulation was often only partly replaced leaving bare stainless metal, which caused hazards to personnel and significant energy loss. When this company turned to Mascoat for advice they provided them with a solid solution for both of their problems. With only 120 mils (3 mm) DFT Mascoat Industrial-DTI layer we were able to reduce the surface temperature to an acceptable level and provided a seamless insulation cover.