

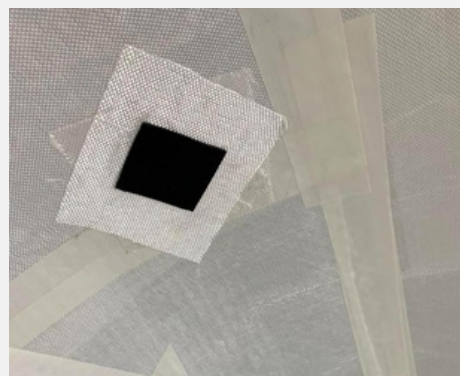
CASE STUDY

Durham forecourt site
Fibreglass fuel storage tank
Repair and coating



ANCHOR PAD INSTALLATION

Anchor pads add strength and structural integrity to repair materials.



OBJECTIVES

Fibreglass construction fuel storage tank leaking in several places, unable to hold fuel anymore.

Abfads role was to repair and refurbish storage tank back to operational standard and return to service with minimal downtime.

SOLUTIONS

Our process for repair was fast and effective and the storage tank was back in service with all work completed on schedule and with minimum tank downtime.

1. Repaired the leaking tank with fibreglass sheeting and resin.
2. Applied a double-skin system with class 1 vacuum monitoring enabling the operator to have 24/7 monitoring of the tank.
3. Installed anchor pads onto the deck head and around the dome ends of the tank for added strength to the newly installed materials.
4. Over-coated the whole tank with a fuel-resistant coating to prevent further leaks and improve durability.

BENEFITS

Cost Effective Tank Repair

The storage tank was fully repaired and all leaking areas were reinforced with fibreglass sheeting and anchor pads to ensure future structural integrity.

Minimum Tank Downtime

Project was completed on schedule and storage tank was back in operation and storing fuel.

