

THE SPA, BECKENHAM MOVEABLE FLOOR REFURBISHMENT



POOL SYSTEM

1. 20m 5 Lane training pool c/w:
 - a. 20m x 8m moveable floor system

FT LEISURE SERVICES

1. Design, manufacture and installation of replacement moveable floor surface panels
2. Refurbishment of moveable floor hydraulic operating equipment

PROJECT OVERVIEW

The condition of the moveable floor surface panels had deteriorated over the course of their life and needed to be replaced. With operation in a warm chlorinated atmosphere and exposure to UV, composite materials become brittle and deteriorate. Fixings can become loose, presenting risk to bathers. The panels also become discoloured; a fresh set of surface panels will revive the pool tank, offer an improved experience for the bather both in terms of comfort and safety and give the facility a new lease of life.

A survey of the moveable floor took place and a design for the new panels produced. These now incorporate a permanent embossed non-slip surface finish to comply with current regulations.

To carry out the refurbishment works, the pool must be drained. A temporary works design was developed and FT Leisure's in-house HSE compliant dive team propped the moveable floor to allow this to take place.

During the works a full inspection of the steelwork, buoyancy and cables/pulley operating equipment was carried out. The moveable floor steelwork was found to be less than optimal so works were carried out to level the frame and add extra support.

The old surface panels were removed and disposed of and the replacements installed. During these works, the hydraulic operating equipment was removed from site, refurbished and reinstalled.

On completion the pool was refilled, the props removed and the system recommissioned.

PROJECT DETAILS

Client: Bromley Mytime
Project value: £95k
Project completion: Jan '20