



Entrance to Michael Faraday school

Michael Faraday School



Key Challenge:

To identify the correct physical perimeter protection to deliver a safe and secure learning environment for a state of the art school.

Jacksons Fencing products featured:

EuroGuard panels and sliding gate, Tongue and Groove clad gate, Anti-Trap Bow Top fencing, Sentry crash barrier, Jaktop panels and Venetian panels.

Southwark, London, the third most densely populated borough in the city boasting 84.9 people per hectare, yet the 10th smallest borough by area. More than 100 languages are spoken in Southwark's 71 schools and 43% of school pupils speak English as an additional language.

The Michael Faraday Community School is situated on the Aylesbury Estate in the heart of Walworth. Built in the 1960s /1970s, and offering homes to over 7,500 people, the whole estate is part of a major regeneration programme which aims to transform the area into a stronger and more vibrant community with access to quality homes and excellent facilities.

Named after the celebrated chemist and physicist, the main structure incorporates a primary school, nursery, after school play group, adult education and community facilities. The school was one of the first to be transformed as part of the Southwark Schools for the Future programme with the £9m new building being opened for teaching in September 2010.

The Michael Faraday School is an outstanding school. It was Southwark's aspiration to deliver an exemplar project that demonstrated an innovative and sustainable primary school design that would become a paragon for providing education both locally and nationally. However, the aesthetic appeal of the new school could never overshadow the fact that the evolution of a safe and secure environment for the pupils – and staff – remained a fundamental requirement to ensure the overall success of the project.

As leading players in the perimeter security and access control market, and with an established track record in working specifically within the specialist schools arena, Jacksons Fencing was approached by The Landscape Partnership to recommend suitable fencing and gate solutions which would complement the entire development scheme whilst also delivering the required 'duty of care' commensurate with the school / pupil relationship.

To provide a strong, durable physical barrier to segregate the school from the outside world, EuroGuard Platform fencing was identified as the product of choice. The welded mesh vandal-proof panels boast a flat profile delivering an anti-climb design featuring no natural hand or foot holds in a standard galvanised mild steel finish.

An automated Cantilever Sliding EuroGuard gate clad with EuroGuard panels provides a separate entrance to the staff car park and befitting of the company that pioneered the national Gate Safe initiative, the gates have been fitted with all the necessary features to be compliant with current recommended safety guidelines (photo-cells and safety edges). The result is a secure, but ultra safe, automated gate installation. A further steel framed automated gate has been installed to provide a dedicated access point for deliveries, clad with tongue and groove horizontal timber to offer an aesthetically pleasing smart appearance within the existing London clay brick boundary wall.

The school has many primary and nursery aged children attending, so it was of the utmost importance to opt for RoSPA approved and BSEN 1176 compliant products for the play areas. Jacksons Anti-trap Bow Top fencing in a white finish, provided an inherently safe yet strong boundary defence featuring a tubular construction with vandal proof connectors and no visible joins and offering a seamless boundary between the crèche and the primary school students. The unique arrangement of the pales connecting to the horizontal rails ensures a wider gap between each hoop above the top rail, to

prevent children getting their heads, necks or limbs stuck between the pales.

To provide an added line of physical security to the school building within the delivery area, a galvanised steel sentry crash barrier was installed which was specifically designed to stop vehicles before they can get close enough to the school building facade to do any damage – regardless of whether it is accidental, or intentional.

Sleek Venetian panels provide a stylish screening device to conceal the school's refuse bins while a run of Jaktop fencing delivers an attractive boundary line to the orchard area.

As well as offering peace of mind in terms of creating a safe and secure site, the school's governing body and The LEA can also enjoy the added reassurance of knowing that the physical perimeter measures that have been put in place all come with the unique Jacksons 25 year guarantee ensuring a responsible, cost effective solution to site security.



EuroGuard platform fencing and gate



Steel framed automated gate with tongue and groove cladding



Automated sliding gate leading to the staff car park

