

Case Study: Silverstone University Technical College



Project: Silverstone University Technical College

Location: Silverstone Race Course, Northamptonshire

Contracted company: CD Flooring Installations Limited

UZIN sales agent: Ian Little

Supporting architect: HKS Architects

Floor construction working time in hours (approx.): Over a 3 month period

UZIN products were used to install a variety of floor coverings within Silverstone University Technical College, at one of the world's most famous motor racing circuits.

UZIN installation systems

- On all areas on the first and second floor UZIN PE 630 and UZIN NC 175 was used for subfloor preparation
- UZIN PE 360 and UZIN NC 160 were used on the ground floor
- The floor was repaired using UZIN RR 203 and UZIN NC 888
- 2400 m² Burmatex Carpet Tiles installed across all levels with UZIN U 2100
- 2000 m² of Altro Walkway & Stronghold 30 (safety flooring) installed across all levels with UZIN KE 2428
- 1200 m² of Arturo EP 3600 floor paint applied within all the workshops on the side of the old pit straight on the main track

The job / challenge

Silverstone University Technical College is right in the heart of one of the world's most famous motor racing circuits. This stunning new multi-million pound facility is a centre of excellence for pupils to study the specialist fields of High Performance Engineering and Technical Events Management. As a prestigious new build the architect and client required a first class finish to match the aspirations of the project. There were also several types of floor coverings which had to be installed within a tight timescale in order for the college to be opened as planned. Parts of the ground floor also required remedial work which had the potential to cause delays.





The solution / implementation

The flooring contractor, CD Flooring Installations Limited turned to UZIN because minimising risk was essential on such a prestigious project which involved installing several different types of floor coverings. Having worked with UZIN on a number of other high profile projects, most notably the Nottingham City Hospital refurbishment, CD Flooring Installations Limited knew that the UZIN range provided the ideal solution. UZIN's rapid systems also enabled the flooring work to be streamlined.

CD Flooring Installations Limited encountered cracks in parts of the ground floor substrate, but these were quickly repaired using UZIN RR 203 crack bridge mesh and UZIN NC 888 feather repair, without the need for repair resins and screed anchors. The ground floor was then prepared using UZIN PE 360 primer and UZIN NC 160 smoothing compound. For the first and second floors UZIN PE 630 primer and UZIN NC 175 fibre-reinforced smoothing compound were utilised to avoid the use of plywood and therefore expedite the installation.

Various floor coverings were installed using different UZIN adhesives. 2000 m² of safety flooring was installed across several areas on the ground, first and second floors using UZIN KE 2428 multi-purpose adhesive. 2400 m² of carpet tiles were also installed using UZIN U2100 tackifier. The slip-resistant tackifier enables the carpet tiles to be removed easily. 1200 m² of Arturo EP3600 resin floor paint was also used to decorate all the workshops adjacent to the old pit on the main track.



The result

Silverstone UTC opened on time in September 2013 and the new flooring was remarkable, contributing to the vibrant and creative environment. The building won the 'Project of the year for the East Midlands' in an awards ceremony held by The Chartered Institute of Building.

” We're extremely proud of the installation and it was great to have UZIN as part of the team. The products bestowed us with confidence and enabled our installers to work to the tight deadlines set. ”

SIMON WARD,
CONTRACTS DIRECTOR AT CD FLOORING INSTALLATIONS LIMITED