

AATi Rail

Project case study

2011 - 2016

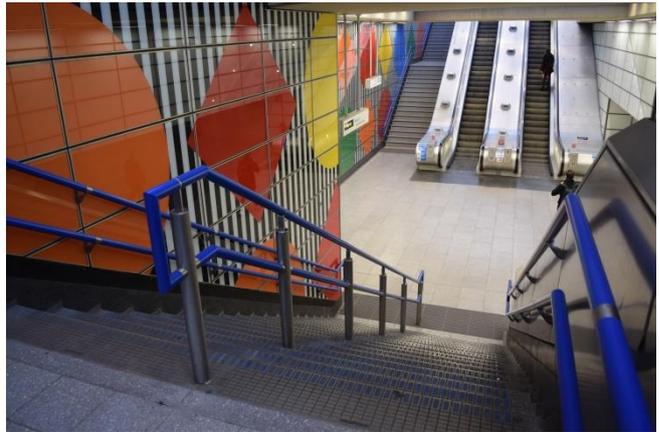
Tottenham Court Road

Client: TFL

Contractor: DMC Contracts

Product: SN93/SL3/140 and '/280'

Material: Nickel Bronze



Tottenham Court Road or as its more commonly known TCR, is largely one of the busiest London Underground stations with 39 million passengers in 2016.

Due the sheer volume of passengers, this lead to overcrowding at the station in peak times, so in mid- 2010 TCR drastically reconstructed and upgraded to relieve congestion but also keeping future developments in mind...

From April to November 2011 the Northern line platforms were closed for structural upgrade works and Northern line trains ran non-stop through the station.

In January 2015 until December 2015, the Central line platforms were closed, meaning Central line trains did not stop at the station. On 12 January 2015, the first part of the new ticket hall opened for the first time.

Further improvements consisted of larger ticket hall entrances, direct routes for commuters travelling to the Central or Northern Lines and the restoration of Paolozzi vibrant mosaics at the station that are widely considered to be one of the most spectacular examples of post-war public art.

AATi have supplied Cast Metal Anti-slip Stair Nosings from 2011 throughout the renovations and finally finished supplying towards the end of 2016. The final staircases to be installed connected the existing London Underground lines to the new Crossrail Elizabeth Line. The stair nosings selected are a regular feature on the London Underground network due to the following characteristics;

1. Extremely Hard Wearing
2. High Anti-slip properties in wet and dry conditions
3. Unique encapsulation of Silicon Carbide produces excellent Anti-wear properties
4. Compliant to London Underground regulations **Category 1 standard S1133 and Category 1 standard 1-085: Fire safety performance of materials**
5. Sustainable

Stay tuned for further updates which could include further developments such as Crossrail 2....