



Case study

New Hospital at Vigo, Galicia region of Spain

Client: Private medical company

Architect: Luis Vidal y Asociados, Madrid

Main Contractor: Acciona

System Manufacturer: Metalpanel S.A.

Roofing and Cladding Contractors:
Industrias Sistemas Constructivos
& Tallares Dismad

Tata Steel products:
Colorcoat HPS200 Ultra® and
Colorcoat Prisma® pre-finished steel.

Year: 2014-15

Officially opened in April 2015, work began on Vigo's new hospital in 2011 with the external envelope having been completed in September 2014. Designed to serve a population of 600,000 across the city, the hospital has 1,465 beds, 24 operating theatres and covers a total floor area of 280,000 square metres.

At the time of construction, it was the largest public works contract in Spain and the construction had to meet certain programme deadlines in order to qualify for central Government funding. Tata Steel was able to deliver in an exceptional four weeks, when the original supplier was unable to meet the required delivery schedule.





In a country hard hit by the Eurozone crisis, controlling costs was considered critical. Therefore Tata Steel's pre-finished steel products used to manufacture the cladding systems were viewed as matching the original specification requirements.

Logistics

Given that the total quantity required exceeded 550 tonnes of Colorcoat® pre-finished steel and with a wide range of colours also being specified to fulfil the architect's concepts, collaboration across teams was essential. Working efficiently

together, Tata Steel's technical, production and commercial departments, along with customer services, logistics and transport operations cooperated to facilitate the very rapid delivery and support the fast installation of the specified systems. Over just a two-day period, Tata Steel's representatives

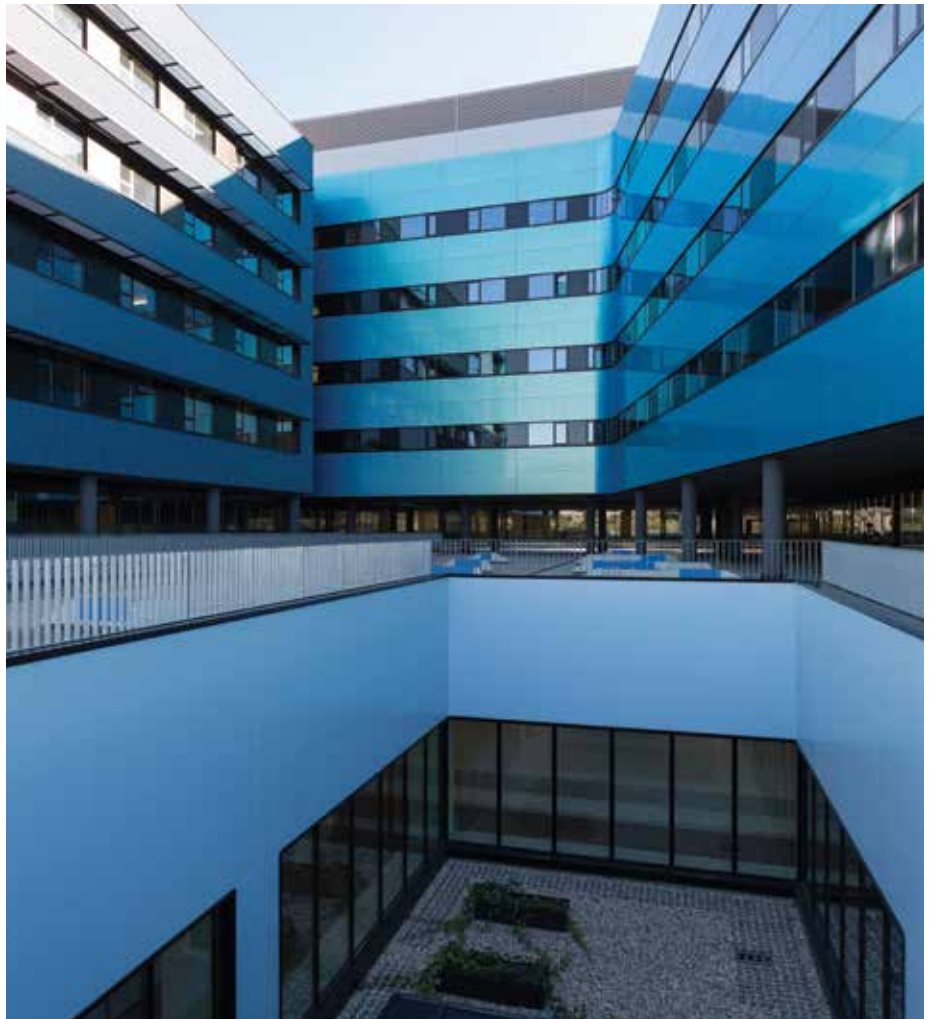
reviewed the project brief and architectural drawings, to provide a detailed production schedule, which was to last a period of four weeks. Representatives from the technical, commercial and marketing departments, meanwhile liaised with Luis Vidal y Asociados, the architectural consultant, regarding colour options and performance criteria to help agree supply details, and worked closely with Metalpanel who were awarded the contract and production of the initial 380 tonne order of pre-finished steel commenced.



The contract to supply this project has underlined Tata Steel's capabilities as an international manufacturer of high specification pre-finished steel for roof and wall cladding, offering the highest standards of performance. Both Colorcoat HPS200 Ultra® and Colorcoat Prisma® surpass requirements of Ruv4 and RC5 as per EN 10169:2010, therefore proving excellent colour and gloss retention, as well as corrosion resistance.

Despite the challenging timescale and logistical demands, Tata Steel was able to satisfy all of the technical and practical requirements; with all of its departments from design through to transport fulfilling their individual and collective responsibilities.

Incorporated into the Metalpanel ELITE PANEL system, Colorcoat HPS200 Ultra® and Colorcoat Prisma® pre-finished steel products with their high performance finish, excellent colour retention characteristics and superior weather resistance offer the ideal outer skin for cladding applications like this. The architects' concept for this exceptionally large medical development included the creation of a series of courtyards where patients can exercise; and therefore the quality of their surroundings is of continuing high importance.



“Due to the inability of the company originally awarded the contract to meet the required deadlines, the main contractor, Acciona, cancelled the contract with them and looked to ourselves as an alternative option. Metalpanel had already been well positioned because the company knew since the beginning that we were offering Colorcoat HPS200 Ultra® manufactured by Tata Steel.

The clients wanted a product suitable for the coastal environment that offered attractive colours; as well as a 25 year guarantee. Importantly, the Tata Steel representatives including our Regional Market Development Manager for Spain Juan-Claudio Antequera and his colleagues in Shotton, UK, did a good job of coordinating colours; as well as supporting budget and time constraints: which helped win us the project.”

Adrian Navarro, General Director, Metalpanel.





Tata Steel products:

The acclaimed new Vigo Hospital in Spain, features the best in class Colorcoat HPS200 Ultra® pre-finished steel offering an ideal, super durable solution for the coastal environment, where it will be subject to extremes of temperature as well as prolonged sunshine and strong winds. The building owner has the added reassurance of the Confidex® Guarantee only available from Tata Steel, which in

this case offered a guarantee period of up to 25 years for Colorcoat HPS200 Ultra® and up to 20 years for Colorcoat Prisma®.

Colours used:

Colorcoat HPS200 Ultra® in Ice Blue, Camouflage, Heritage Green, Moorland Green, Juniper Green, Meadowland, Azure Blue, Straw and Honesty, and Colorcoat Prisma® in Black and Silver Metallic

“As usual, the close and coordinated cooperation with Tata Steel has given us very good results. We create value together, while shared information makes us more effective. It is certainly a strategy that we continue to develop as before, because we are convinced that there are many more projects that we will develop successfully.”

Adrian Navarro, General Director, Metalpanel.

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