



## Case study

### Minsthorpe Leisure Centre

**Client:** Wakefield Council

**Main Contractor:** Willmott Dixon

**Cladding installer:** JML

**Tata Steel products:** Trimapanel® flat 90mm thick, 1,000mm modules with Colorcoat HPS200 Ultra® pre-finished steel in four colours [Ice Blue, Hamlet, Wedgewood Blue and Goosewing Grey]

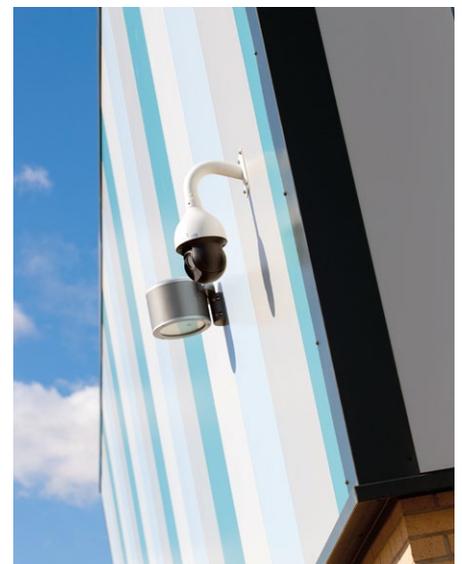
**Year:** 2017

Wakefield has had a sporting boost since the new £5M Minsthorpe Leisure centre opened its doors.

Contractor Willmott Dixon handed the keys to the centre's owner, Wakefield Council, on 15 February 2018, after completing the 14-month project on schedule.

Facilities at the centre include a 25m, six-lane, swimming pool, a 60-station health and fitness club and a group exercise studio.

Completed on budget and on schedule, the steel-framed Leisure Centre has been received enthusiastically.







CLLr Jacquie Speight, Cabinet Member for Culture, Leisure and Sport said: "The new facility looks fantastic and is the high quality and modern leisure centre that our residents need and deserve."

"The construction project has gone very well and the contractor has had a positive impact on the local community, bringing jobs and investment to this area."



#### The challenge

Once the steel-framed building had been erected, the design specified an aesthetically pleasing flat cladding system, one which would stand-out as the Leisure Centre is located on a prominent plot and one which is visible from a nearby busy road.

**"The Confidex® Guarantee of up to 40 years was extremely important as the client wanted a highly durable product, which would not suffer any colour degradation,"** says Tata Steel Sales

Manager Lisa Hand.

To help the customer choose the correct and most suitable cladding system for this project, the main contractor and the cladding installer were invited to Tata Steel's Shotton site, where they could see first-hand the composite production line in operation.

They were able to see the steel coil being produced as well as see the procedures and checks that Tata Steel carry out to ensure the best level of flatness on the finished product. Because of these procedures, Tata Steel can guarantee its finished products for 40 years.

#### Tata Steel products:

Trimapanel® flat has the ability to create impressive modern buildings or breathe new life into older buildings.

During the specification process a cladding solution is required that includes durability, performance, cost-effectiveness and good sustainability credentials. Trimapanel® fulfils these requirements as it provides long-term performance and it can consequently eradicate any concerns end-users may have regarding maintenance costs.

The lightweight nature of the product, with density levels as low as 11.89kg/m<sup>2</sup> allows it to be installed quickly and consistently in an efficient and stress free manner.

Subjected and tested to the most stringent fire safety standards – rigorous structural and fire performance testing with FM Global, Trimapanel® flat has achieved FM Approvals certification to 4480: Class 1 insulated wall and ceiling panels and 4481 Class 1 Exterior wall systems (unlimited height) standards.



Both companies left Shotton extremely impressed with what they had witnessed during their visit to the panel process facility and the benefits of working collaboratively with Tata Steel.

#### The solution

The project cladding design underwent a value engineering programme and the originally specified product was changed to Trimapanel® flat for the external building envelope of this prominently located Leisure Centre.

However, the client still wanted the same four colour combination for its Leisure Centre, and through close working with the project's cladding installer JML we were able to ensure the right colour combinations were achieved.

In the end, four similar hues to the original design were chosen for the project – Ice Blue, Hamlet, Wedgewood Blue and Goosewing Grey.

The Confidex® Guarantee also played a significant part in the selection of Trimapanel® system.

The Trimapanel® product was manufactured in Colorcoat HPS200 Ultra® pre-finished steel, which is suitable for many different construction applications.

Designed to withstand the most demanding and aggressive environments, it is available with the market-leading Confidex® Guarantee for up to 40 years for the weather side of industrial and commercial buildings

– with no inspection or maintenance to maintain its validity.

“The Confidex® Guarantee was extremely important as the client wanted a highly durable product, which would not suffer any colour degradation on this iconic building,” says Tata Steel Sales Manager Lisa Hand.

**To find out more about how Tata Steel products can help you maximise the structural performance as well as fire, acoustic and weather resistance of your projects, please contact a member of our design team:**

**T: +44 (0) 1244 892199**

**E: [technical.envelopeproducts@tatasteeleurope.com](mailto:technical.envelopeproducts@tatasteeleurope.com)**

[www.tatasteelconstruction.com](http://www.tatasteelconstruction.com)

#### Tata Steel

Shotton, Deeside  
Flintshire CH5 2NH

T: +44 (0) 1244 892199  
E: [technical.envelopeproducts@tatasteeleurope.com](mailto:technical.envelopeproducts@tatasteeleurope.com)

While care has been taken to ensure that the information contained in this publication is accurate, neither Tata Steel Europe Limited, nor its subsidiaries, accept responsibility or liability for errors or for information which is found to be misleading.

Colorcoat HPS200 Ultra, Confidex and Trimapanel are registered trademarks of Tata Steel UK Limited.

Copyright © 2018 Tata Steel UK Limited.  
Language English UK 1118