



## Case study

### Wickes DIY Store, Farnborough

**Client:** Travis Perkins plc

**Main Contractor:** Mildren Construction

**Cladding contractor:** Country Roofing (Gloucester) Ltd

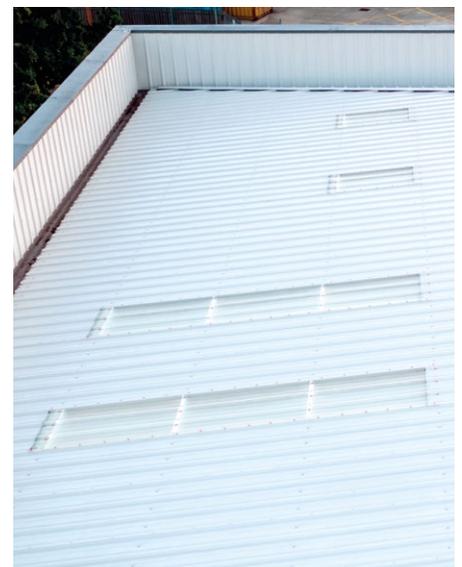
**Tata Steel products:** Trisomet® 80mm and 120mm insulated panels; Trimapanel® 90/1000 insulated panels; Trisobuild® HR50 site assembled built-up system; LP1000 liner profiles and Colorcoat HPS200 Ultra® pre-finished steel; Colorcoat Prisma® pre-finished steel and Colorcoat Aquatite®.

**Colours:** Colorcoat HPS200 Ultra® roof in Goosewing Grey, Trisomet® walls in Goosewing Grey and Albatross, Trimapanel® in Midnight Blue, Slate Grey and Albatross and Trisobuild® (HR50) in Alaska Grey, LP1000 in Bright White.

The Wickes Farnborough DIY store is one in the latest Wickes stores to have been developed by Travis Perkins as part of its ongoing plan to double its UK store network to 400 by 2020.

Tata Steel has been working with Travis Perkins DIY-chain store owners, and as one of their partners of choice we now have a growing number of Wickes stores in our portfolio to which Tata Steel branded products are supplied to provide high quality external building envelopes with guaranteed performance.

Work on the Farnborough store started in May 2017 and was completed in November 2017. The extensive



## Case study Minsthorpe Leisure Centre

reconfiguration and refurbishment of an existing building was undertaken to house two retail units, one at 1,895m<sup>2</sup> for the Wickes Farnborough store.

### The challenge

A high quality, sustainable building envelope with guaranteed long-term performance were key considerations when choosing the cladding solution for the Travis Perkins-owned DIY chain Wickes. Supporting Wickes' brand identity, a pre-finished steel in non-standard colour was supplied in corporate colours.

The Wickes Farnborough store was refurbished in two phases to allow the Wickes Store to continue trading with the minimum amount of disruption. Once Phase 1 was completed, this section of the building was sealed off and the DIY store opened to the general public, while work on Phase 2 progressed.

Jason Perkins, General Manager at County Roofing (Gloucester) Ltd said: "Working in and around a 'live' site required careful planning, and ease and speed of installation, and precise lead times were essential. Tata Steel's deliveries are always on time which was essential in keeping the project on track and material on-site to a minimum".

### The solution

Nearly 7,000m<sup>2</sup> of insulated panels manufactured using predominantly Colorcoat HPS200 Ultra® and a small amount of Colorcoat Prisma® pre-finished steel were used to transform the existing shell using a combination of colours to match Wickes corporate identity.

The project used Trimapanel® micro-rib 90mm on the front elevations and Trisomet® 80mm for the rear wall elevations; Trisomet® 120mm was used for the roof; and parapet gutters lined with a Colorcoat Aquatite® PVC membrane. Trisobuild® (HR50) site assembled built-up system, which is being used as a



feature on a number of the Wickes Stores, ran across the top of the Trimapanel® on the front elevation acting as a separator between the two units. LP1000 liner panels were also used internally.

The refurbishment included a robust rainwater system that was provided using Tata Steel parapet gutters and made watertight with the use of Colorcoat Aquatite®, a PVC membrane that is factory bonded to a galvanised steel substrate and fabricated to form the external skin.

The complete solution delivered by Tata Steel is covered by the Platinum® Plus system guarantee, ensuring the highest standards on quality, thermal performance, fire safety, acoustic performance, air-tightness, water penetration and environmental credentials as well as considering the interactions of all the components used on the roof, walls and rainwater system.

The Platinum® Plus system guarantee also includes the Confidex® Guarantee for the Colorcoat Prisma® and Colorcoat HPS200

Ultra® products used, covering the external weather side pre-finished steel for up to 40 years.

Completed late 2017, close working with the installer, Country Roofing (Gloucester) Ltd, on the roof fix calculations helped to check that the fixings used would work with the spans and supports that were being used.

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