

## WICKES TRADE AND DIY STORE, CIRENCESTER TATA STEEL



Guaranteed system performance and sustainability were key drivers in selecting the pre-finished steel cladding for the new, steel-framed Wickes store at Cirencester. The client, Travis Perkins, specified Tata Steel branded products to meet the design and performance criteria.

### **The challenge**

Travis Perkins invested £3.5 million in the development of the Travis Perkins Trade Park at Cirencester, Gloucestershire. The company invested a further £1 million in its new Wickes Trade and DIY store at the park.

To protect the investment in this 20,000 square foot store, Travis Perkins required a comprehensive guarantee covering the long-term performance of the store's building envelope. In addition to structural and fire performance, a certain level of thermal performance was required. Whole life considerations demanded a building envelope with little or no inspection and maintenance requirement.

A sustainable building envelope was high on the list of requirements. Evidence of responsible sourcing was required – along with environmental product declarations (EPDs) for all pre-finished steel cladding components. Maximisation of BREEAM credits was an important consideration.

Travis Perkins' branding requirements demanded a pre-finished steel which could be supplied in a specified RAL colour. Local planning regulations also reinforced the need for a flexible building envelope system with scope for incorporation of a design feature using timber.



## The solution

Travis Perkins has worked with Tata Steel as its partner of choice in an ongoing store construction programme. At Cirencester, Travis Perkins again turned to Tata Steel to meet its need for a bespoke and high quality building envelope with guaranteed performance. The client specified Tata Steel's Colorcoat HPS200 Ultra® and Colorcoat Prisma® pre-finished steel was used in the manufacture of Tata Steel's Trisomet® insulated roof and wall panel system and Trimapanel® insulated wall cladding system.

Tata Steel worked with Travis Perkins and Bate and Taylor Architects to develop a bespoke Platinum® Plus system guarantee covering performance of the complete building envelope. The guarantee specification considers the interactions of envelope components and how they impact building design and performance. The high quality Colorcoat HPS200 Ultra® and Colorcoat Prisma® pre-finished steel products are themselves backed by Tata Steel's Confidex® Guarantee which offers cover for up to 40 years.

Travis Perkins is both the landlord and the tenant. It was vital that they had a guarantee for the building envelope to protect their investment.



Colorcoat HPS200 Ultra® combines outstanding performance with exceptional durability. Subjected to natural and accelerated testing, it delivers proven high levels of corrosion resistance along with colour and gloss retention. The Wickes store at Cirencester uses more than 3,000 square metres of Colorcoat HPS200 Ultra® pre-finished steel on the walls. This was supplied in three toning colours to satisfy branding and aesthetic considerations – ‘White’, ‘Svelte Grey’ and ‘Honesty’. A further 4,200 square metres of Colorcoat HPS200 Ultra® in ‘Goosewing Grey’ was used with Trisomet® 120mm insulated roof panel system in a bespoke roofing solution.

“We supplied the roofing system in very long lengths to span 19 metres. This minimised end laps to provide air tightness and helped ensure the building’s required thermal performance,” said Wayne Reynolds, Tata Steel’s area sales manager Building Systems UK. “In addition, the bespoke lengths minimised the number of roofing components for a fast and efficient build.”

Wayne Reynolds added “The Wickes store at Cirencester was a very satisfying project to work on. Not only does it look stunning, but we’re very pleased we’ve been able to help ensure it’s a sustainable building. All of our products were supplied with environmental product declarations. Our Trisomet® and Trimapanel® panels are also certified as responsibly sourced to BES 6001, helping to maximise BREEAM credits.”

**Client:** Travis Perkins plc

**Architect:** Bate and Taylor Architects

**Principal contractor:** Barnwood Construction

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

**Tata Steel products:** Trisomet® insulated roof and wall panel system; Trimapanel® insulated wall cladding system; Colorcoat HPS200 Ultra® pre-finished steel; Colorcoat Prisma® pre-finished steel

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