

**TATA STEEL**



## ComFlor® case study

### The Exchange, Colworth Science Park

Client: Goodman

Architect: Kier Construction

Steelwork contractor: H.Young Structures

Deck installer: Composite Profiles UK Ltd

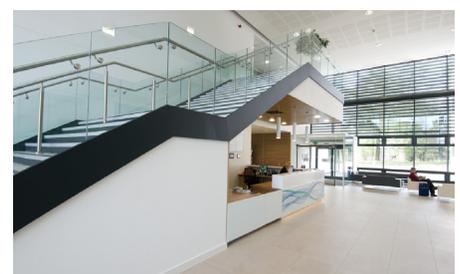
Decking system: ComFlor® 225, ComFlor® 60

**The Exchange at Colworth Science Park is a new state-of-the-art centre, offering laboratory and office space at an established scientific research location.**

The complex is an ideal location for board meetings, team briefings, product launches, sales seminars, training courses and client meetings.

It also offers a varied selection of meeting and conference rooms, suitable for many purposes.

The project features over 4,400m<sup>2</sup> of ComFlor® composite floor decking – employing deep ComFlor® 225 and shallower ComFlor® 60.



Telephone: 0845 30 88 330

Located nine miles north of Bedford, The Exchange at Colworth Science Park is a new 54,000 sq. ft. state-of-the-art centre. It has been designed to create an environment that supports what developer Goodman describes as “open innovation”.

Set in over 100 acres of beautiful parkland, Colworth Science Park is an established location for scientific excellence in commercial research and development.

Incorporating over 25,000 sq. ft. of flexible laboratory and office space, a range of suites can be provided at The Exchange and configured to meet the tenant’s precise requirements.

Individual serviced offices and laboratories are available with a selection of size and fit-out options, including fully fitted wet and dry labs, office and write-up space.

Cafe Connect, The Exchange’s own restaurant, offers fresh and healthy all-day catering and an ideal venue for relaxing, meeting or entertaining.

The Exchange is an ideal location for board meetings, team briefings, product launches, sales seminars, training courses and client meetings.



It also offers a varied selection of meeting and conference rooms, suitable for many purposes. From a 200 seat lecture suite to smaller meeting and conference rooms for two to 70 people,

The three main units at The Exchange feature 3800m<sup>2</sup> of ComFlor® 225 in 6.5 metre lengths, installed by Composite Profiles UK Ltd (for more information visit [www.compositeuk.com](http://www.compositeuk.com))

ComFlor® 225 deck is a state of the art cold formed profile design offering fully optimised composite and load carrying characteristics.

The re-entrant section to the top flange of the profile enhances composite action and offers easy services attachment. It also provides up to a two hour fire rating with an unprotected soffit.

The project also features a small amount, about 600m<sup>2</sup>, of ComFlor® 60 on one hub of the building.

ComFlor® 60 offers the ultimate in lightweight steel decking for all multi-rise buildings.

It combines exceptional spanning capabilities with reduced concrete usage to provide a cost-effective and attractive floor solution that’s easy to install.

Mark Norton, Managing Director of Composite Profiles, explained that the whole floor decking installation process went very smoothly.

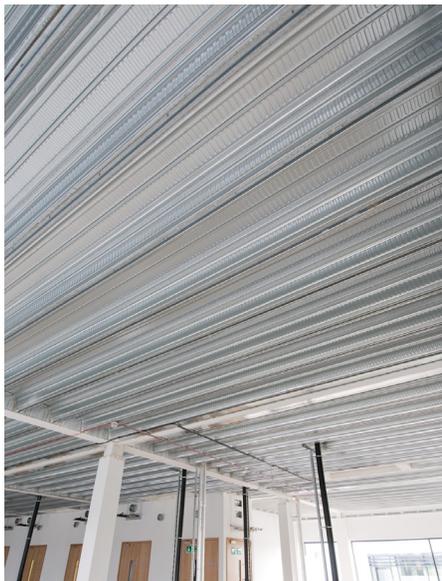
“We fitted end diaphragm plates, to stop concrete and, using an electrically-operated boom, we were able to install these relatively deep ComFlor® decks in much the same way as we would normally fit shallow deck profiles like ComFlor® 60.

“The building was well designed for the deep deck that was used. It all went very well.

“The clean, open bays enabled us to install the decks in the most effective manner.

“We were very pleased with ComFlor®. The clean, tight connections enabled us to easily trim decking to suit.

“All in all, it was a textbook project.”



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