

Tesco Woolwich

TESCO
Extra

Hello

NVELOPE NV4 and NV5
Tesco, London

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Tesco Woolwich - savings with NVELOPE

Situation

Working with building envelope contractor, Prater, NVELOPE has supplied its NV4 and NV5 support systems for an £86 million development for Tesco at Woolwich in London. This exciting, mixed use development includes a Tesco Extra store, additional retail units, car parking and a police station as part of a major regeneration to Woolwich town centre.

Designed by award-winning architects Sheppard Robson, the project also features a sizeable affordable housing element, with London & Quadrant (L&Q) offering tenants a selection of one, two and three bedroom apartments through their shared ownership scheme. The development features approximately 7,000 m² of aluminium rainscreen and zinc cladding panels which have proved hugely significant in creating an attractive, multi-coloured appearance across the scheme.

Solution

Manufactured in the UK and developed using the highest specification alloys, NVELOPE products and systems are ideal for supporting a wide variety of façade materials. The NV4 and NV5 vertical systems (including brackets) used on this project are fixed to the substrate at set vertical and horizontal separations.

Vertical L rails profiles are attached to the brackets at intermediate locations and T rails at panel joints to allow for expansion and contraction caused by dead loads and dynamic load. These flexible points are vital due to the differing thermal performances of the materials being combined. The façade has, in effect, to be able to float on the sub-construction, meaning that every single element must have only one fixed point while all the other fixing points must be executed as floating or moving points.

NVELOPE's range of rainscreen brackets and grid systems can be optimised for specific projects, as on this installation, thanks to the expertise of our technical design support service.

Project highlights

Client

Spennhill

Architect

Sheppard Robson

Main contractor

Willmott Dixon

Sub-contractor

Prater

Location

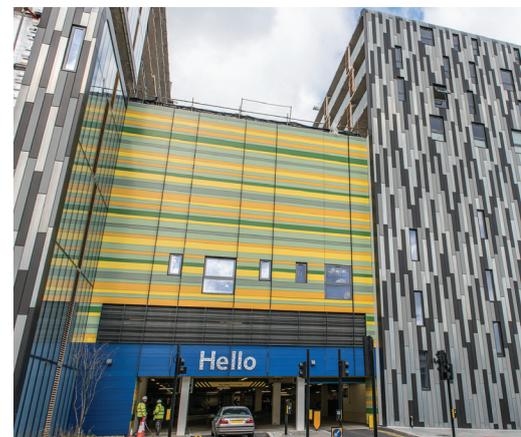
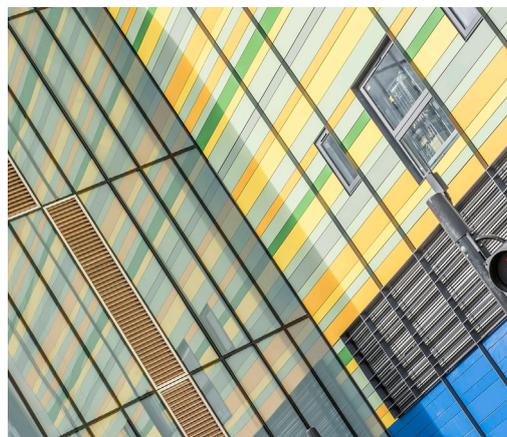
Woolwich, London

Application

NVELOPE NV4 and NV5

Project value

£86,000,000



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